

The
HEMIST AND DRUGGIST
RETAILER — WHOLESALE — MANUFACTURER
NOVEMBER 19, 1949

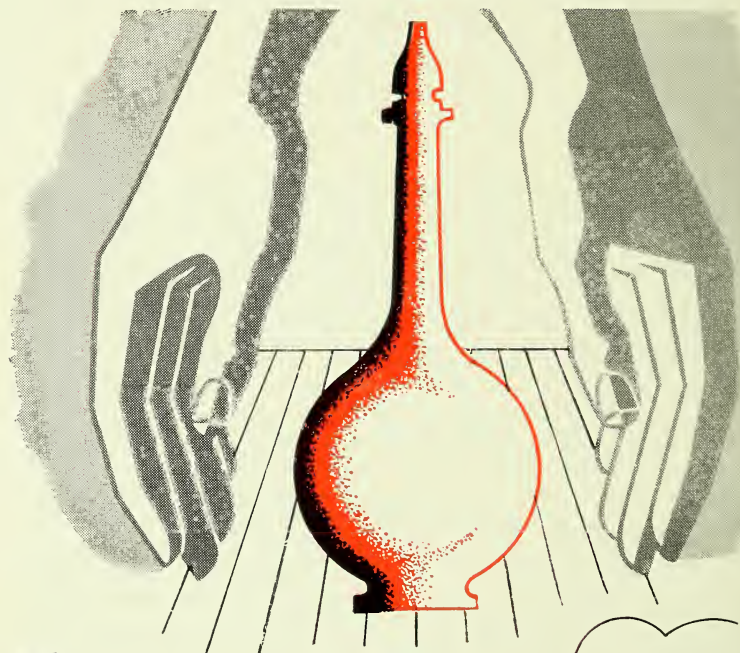


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In producing chemicals for the Pharmaceutical industry there are three absolute essentials—quality, uniformity, and purity. At Ruabon, a staff of highly-skilled control chemists watches every stage of manufacture to ensure those fundamentals. The result is that Monsanto pharmaceuticals not only conform to B.P. standards but often surpass those standards by a considerable margin. Another point worthy of note, is that Monsanto themselves, produce most of the raw materials from which those pharmaceuticals are made, thus giving the assurance of control from start to finish right along the line

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at home!

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The complete range of chemical contraceptives now available gives a wide scope in selecting the best method suited to individual requirements.

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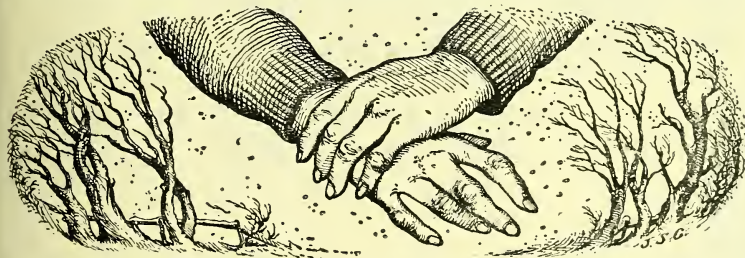
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INDEX TO ADVERTISERS

an Pill & Tablet Co., Ltd.	x	Burroughs Wellcome & Co. ...	33	Field & Co. (Aromatics), Ltd. 30	
en, Roy & Partners	ix			Frankenberg, L., Ltd.	xviii
is	xii			Freudentheil, Smith & Co.,	
J., Rubber Co., Ltd.	xv	Carter, H. W., & Co., Ltd.	xxvii	Leader Page	
o-French Drug Co., Ltd.		Carton Box & Printing Co.,		Fromm, H., Ltd.	vii
Leader Page		Ltd.	26	Fulford, C. E., Ltd.	20
our & Co., Ltd.	14	Cellucotton Products, Ltd. ...	viii	Fulford, G. T., Co., Ltd. ...	xx
strong Cork Co., Ltd. ...	xviii	Champion Scissors	vii		
o, Ltd.	xxii	Chemist & Drugstore News ...	viii		
Tin Printers, Ltd.	xviii	Colgate - Palmolive - Peet, Ltd.	23		
		Comtesse Laboratories, Ltd.	xxviii		
		Container Recovery Service...	xix	Gardner, W., & Sons (Glos.),	
		Continental Laboratories, Ltd.	22	Ltd.	xi
		Cooper Laboratory, Ltd.	20	George, Ernest J., & Co.,	
ay, R., & Son, Ltd.	xii	County Perfumery Co., Ltd.	32	Col. Supp.	
ay & Sons	xiv	Cox, Arthur H., & Co., Ltd.	8	Gnome Photographic Products,	
r Products, Ltd.	21			Ltd.	xi
John, Hills & Lucas,				Green, Harry, Ltd.	2
d.	Leader Page	Daniel, Richard, & Son, Ltd.	13		
oe & Fish	Col. Supp.	Delavelle, Ltd.	30		
le, Sawyer & Co., Ltd.		Dendron, Distributors, Ltd. ...	24	Hamburger, M., & Sons	iv
Cover iv		Dettol Ointment	xii	Hampshire, F. W., & Co.,	
ow, T. F., & Co., Ltd.	12	Devon, D., Ltd.	8	Ltd.	15
sh Chemicals & Biologi-		Disprin	26	Hardy, M. W., & Co., Ltd.	
s, Ltd.	9	Dunn Brothers Succrs., Ltd.	iv	Col. Supp.	
sh Cod Liver Oils (Hull				Harwoods Laboratories, Ltd.	xxxii
Grimsby), Ltd.	xxv	Edme, Ltd.	xxvi	Haywood, J. H., Ltd.	viii
sh Drug Houses, Ltd., The	5	Evans Medical Supplies, Ltd.	3	Herts Pharmaceuticals, Ltd....	24
sh Dyewood Co., Ltd. ...	v			Hough, Hoseason & Co., Ltd.	10
k, Parker & Co., Ltd.	xxvii			Huðnut, Richard, Ltd.	1
oyne, Burbidges & Co.,		Favell, T. J., & Co., Ltd. ...	viii	Hughes Brushes, Ltd.	26
d.	Front Cover	Fecher, M. J., Ltd.	6		
ough, James, Ltd.		Fennings, A.	Leader Page		
Leader Page		Ferber, Robert, Ltd.	xi		

(continued overleaf)



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Contains Acetomenaphthone B.P. and Nicotinic Acid B.P.

Pernivit utilises the vasodilator effect of nicotinic acid coupled with the effect of vitamin K in maintaining normal vascular permeability and blood coagulability. Numerous clinical reports confirm its effectiveness in treatment

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INDEX (Cont'd.)

Imperial Chemical (Pharmaceuticals), Ltd.	18	Niblett, C. P.	iv	Thurgar Bolle (Successor) Ltd.	
Industrial Fluids, Ltd.	xiii	North British Rubber Co., Ltd.	xiv	Toni Gillette, Ltd.	
Institute of Optical Science (The)	Leader Page	Oakfield & Co.	28	Townsend, J. & Sons, Ltd.	
Jaffajuce, Ltd.	xx	Orridge & Co.Col. Supp.		Universal Metal Products, L.	
Jarvie, Hugh & Co., Ltd. ...	v	Owbridge, W. T., Ltd.	xviii		
Jeffreys, Miller & Co., Ltd.	26	Parkinsons, Ltd.	28	Velena	
Kearsley, C. & G., Ltd. ...	x	Pharmax, Ltd.	iv	Veno Drug Co., Ltd.	
Kellys, J. (London), Ltd. ...	ii	Pifco, Ltd.	vi	Vines Biocrin, Ltd.	
Knox, John (Stoke-on-Trent), Ltd.	x	Potter & Clarke, Ltd.	31		
		Radiol Co., The	xxx	Waide, Thos., & Sons, Ltd.	
Liptons Paper Mills, Ltd. ...	xiii	Rankin Bros. & Sons Leader Page		Wander, A., Ltd.	
Lloyd, H. O. (Cheltenham), Ltd.	xxij	Rendell, W. J., Ltd.	4	Wallis Laboratory, Ltd. The	Lead
Lusty's Natural Products Co.	xxvi	Rentokil, Ltd.	xix	Warrick Bros., Ltd.	
		Rexall Drug Co., Ltd.	14	Washington Chemical C	
MacIennan Brand Products, Ltd.	xii	Riley, J., & Sons, Ltd.	ii	Ltd.	
Mandleberg, J., & Co., Ltd.	xvi			Wernet Dental Manufactu	
Maw, S., Son & Sons, Ltd.	11	Samuelson, P., & Co.	ii	Co.	
Max Factor, Hollywood & London (Sales), Ltd.	xvii	Sandoz Products, Ltd.	i	Westminster Laborator	
Mitchell, L. A., Ltd.	vi	Sessions, Wm., Ltd. Leader Page		Ltd.	
Monsanto Chemicals, Ltd.	Cover ii	Sidnick, M., & Co., Ltd.	22	Whiffen & Sons, Ltd. ...C	
		Silvikrin Laboratories	17, 27	Whitakers of Kendal	
		Spa Brushes, Ltd.	xxx	Wilkinson Sword Co., I	
		Standard Yeast Co., Ltd. ...	26	Williams, Charles & Co. .	
				Wilson & Mansfield, Ltd.	
		Teasdale & Co., Ltd.	26		
		Thompson & Capper Whole-sale, Ltd.	29	Zems, Ltd.	
				Zimmermann, C. & Co.,	

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"OILTITE"

DROP BOTTLES



Fig. 800

	$\frac{1}{4}$	$\frac{1}{2}$	1	2 ozs.
White	5/3	5/6	5/10	6/6 doz.
Amber	5/6	5/9	6/1	6/6 doz.

Packed in divided boxes of 12 bottles.



Fig. 801

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Amber	5/9	6/-	6/4 doz.

(Ideal for Penicillin Eye Drops)
Packed in divided boxes of 12 bottles.

Any of the above bottles may now be supplied with sterilizerable closures at 3d. per dozen extra. State for "sterilizing" when ordering.

Complete lists will gladly be sent on request to:

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DISPLAY *sells* *more—and* **MORE !**

*Send for New display material
for*

**PHENSIC
CASSELL'S
VENO'S
GERMOLENE
GERMOLOIDS**



These profitable family favourites sell more quickly over the counter when they are displayed for all to see. Seeing is buying! Showman- simplifies salesmanship! So please let us keep you right up-to-date with display material. Write today for a full set. DIRECT terms for the VENO products are: Combined orders amounting to £3 and upwards from qualified Chemists will be subject to 10% for display co-operation in addition to our usual 2% discount for monthly account.

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THE NEW TREATMENT
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VITAMIN K C. NICOTINAMIDE TABLETS

Bottles of 50's
cartoned

18' 10d. per doz.

Exempt Purchase Tax

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announce the amicable termination
of their arrangements with
Messrs. Stanwhite Ltd.,
who have acted hitherto
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DEVON LILAC Talcum Powder

in respect of both
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Accordingly, opportunities occur
for Agents in several areas
and enquiries are invited.

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**'GENATOSAN' Wintergreen and Menthol
and Wintergreen Creams**

**CONTINUE TO BE AVAILABLE ON
BONUS TERMS**

13 to the dozen on minimum orders of 3 dozen.
Any pack detailed below may be included for
Bonus (in multiples of 1 dozen)

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WINTERGREEN CREAM	2-oz.	2/2½d.	14/-
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B C B

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Telephone: Loughborough 2292

THERE'S THE RUB!



The special 'Genatosan' base ensures faster relief from muscular pain. It is so effective that it sells again and again.

'GENATOSAN' Wintergreen Creams are preferred because they are non-greasy and do not stain clothes or linen.



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For Baby—for Mother—for You—ZAC Baby Cream and ZAC "Lullaby" Baby Powder are exactly right. Right for Baby's delicate skin. Right for Mother who wants the best at moderate price. And right for YOU because these two lines are first-class "repeaters"; show you excellent profit (particularly when ordered with other H. H. & Co. packed pharmaceuticals); and are consistently backed by both National and local advertising.

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Powerful advertisements for ZAC Baby Products are currently appearing in all the leading Women's weekly, fortnightly and monthly magazines. Steadily increasing Sales are certain. How are your stocks?

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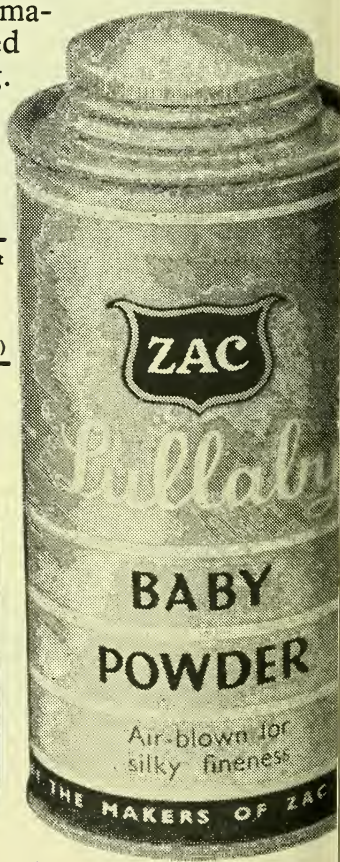
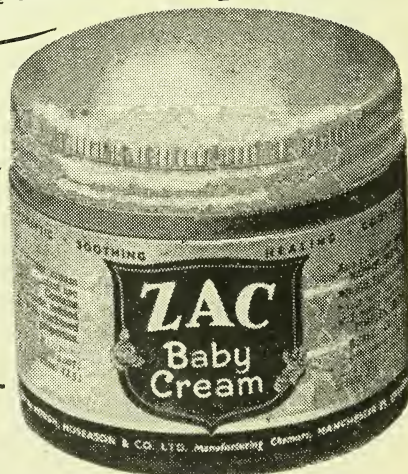
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2/6

Double
Quantity.



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ATLAS LABORATORIES . MANCHESTER,



YOU ARE CORDIALLY
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MAW'S
WEST END SHOWROOM



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COME AND SEE FOR YOURSELF
THE MOST COMPREHENSIVE
RANGE OF SEASONAL AND
GENERAL CHEMISTS AND
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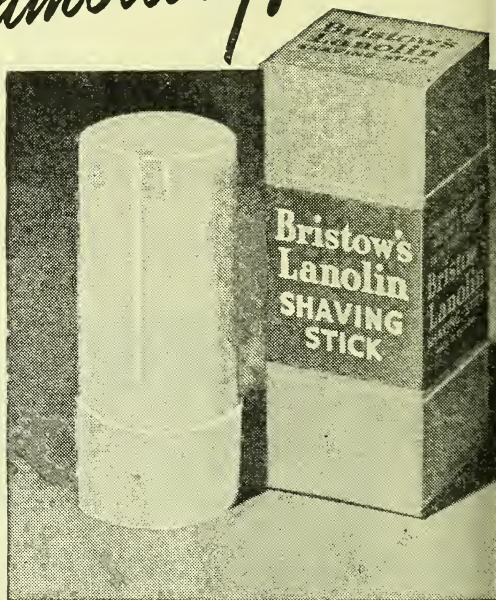
YOU WILL FIND IT BOTH PLEASANT
AND PROFITABLE

ONLY 4 MINUTES FROM PICCADILLY CIRCUS

S. MAW, SON & SONS, LTD., BARNET, HERTS.

Selling famously!

**.. a new
Lanolin
shaving
success**

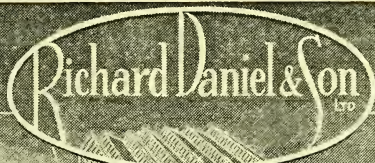


Following the success of Bristow's Lanolin Shampoo, Bristow's have produced a shaving stick containing this valuable Lanolin ingredient to soothe and protect the skin. This new product with a famous name is a sure-selling line for the man who wants a smooth, comforting shave—and what man doesn't! Sales are soaring already. Place your order now!

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Bristow's
LANOLIN SHAVING STICK



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SUNDRIES DRUGS
TABLETS & PILLS

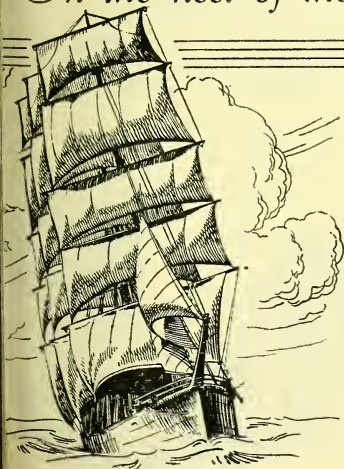
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and

NICOTINAMIDE

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of Southern
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including
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ANSWER undoubtedly YES! These Great National newspapers have been chosen because they are particularly influential. With them *Picture Post* and 28 of the most powerful morning and evening papers from the Provinces. These are the papers that will carry the great campaign of national advertising for Zubes Cough Mixture. They will carry it into every corner of the Kingdom. They *will* influence people to buy.

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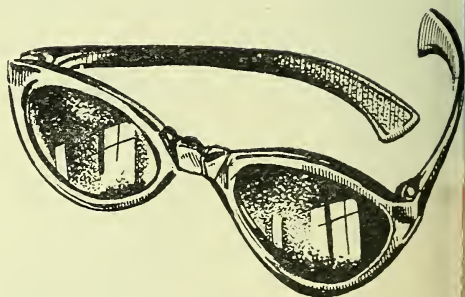
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COUGH MIXTURE

Retailing at 1/6 and 2/9½d

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a year
of***



Big Profits

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FOR 1950**

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Wholesalers are invited to inspect the 1950 range at our London Show-room, Rosslyn House, 96 Regent Street, W.1, from November 1st onwards. (Telephone Regent 1421).

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**SUN
GLASSES**

CLASSICAL STYLES FOR EVERY CUSTOMER

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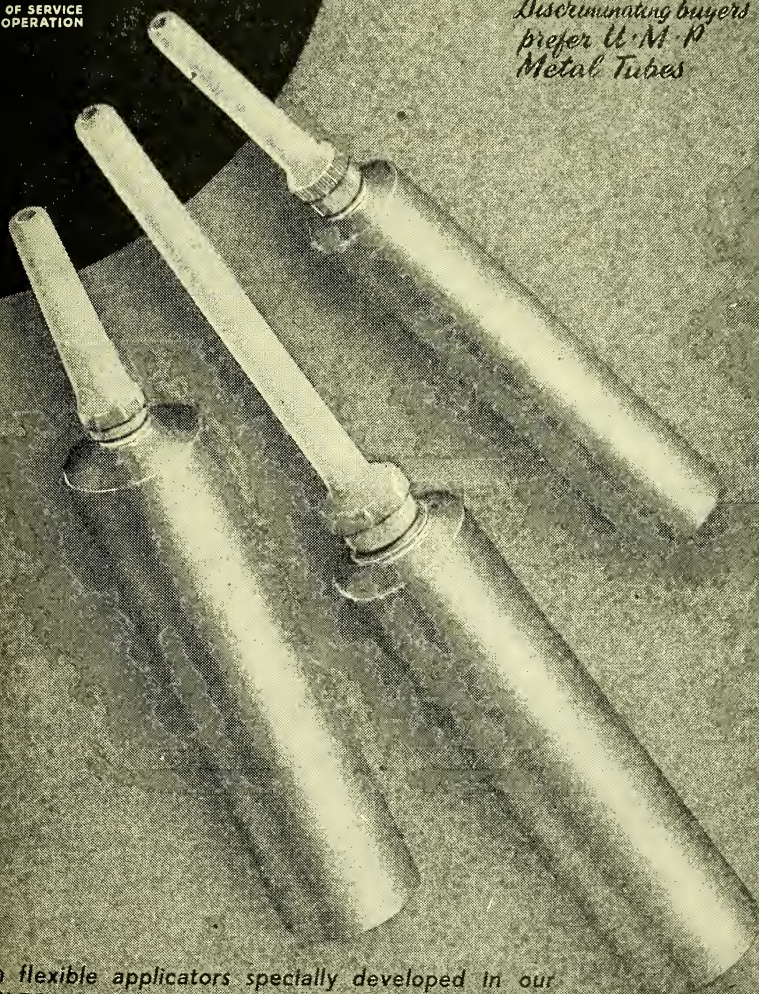
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SOAPLESS SHAMPOO



THE SIGN OF SERVICE
AND CO-OPERATION

*Discriminating buyers
prefer U.M.P.
Metal Tubes*

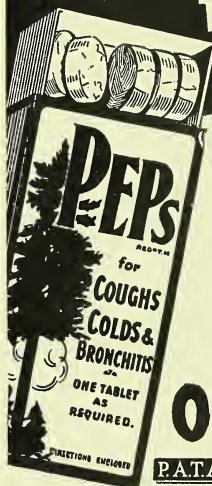


Smooth flexible applicators specially developed in our
PLASTICS DIVISION for rectal and vaginal use

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CARLTON HILL, LEEDS, 2



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1904

Specialists
in the manufacture
of
Tablets
and
Pills

45 years' of Specialised
Manufacturing Experience
assure you of

QUALITY and ACCURACY

PACKED TABLETS, supplied in the usual sizes with Chemist's Own Name Labels if desired. Specimen Label designs sent on request.

BULK TABLETS, including NF lines, supplied in convenient quantities from 100 upwards.

SACCHARIN TABLETS, in packets of 10 or 100 in bulk.

The
Cooper Laboratory
Watford

Telephone :
3612

Telegrams
"Science"

In the choice of an Analgesic CODALGIN[®]

TRADE MARK

*has a Perfectly Balanced Formula
and the BAYER quality behind it*

WHY is 'Codalgin' better? Its carefully balanced formula makes pain-relief quick, safe and prolonged. There are no by-effects. The packing is hygienic and attractive, and the four-tablet block is useful for pocket and handbag.

These trade terms are worth noting :—

Discount of 33 $\frac{1}{3}$ %

**Bonus of 14 to the dozen on orders of 6 dozen
cartons of 20 in exchange for display.**

*Purchasing under these terms shows a profit of
9d. on each packet sold.*



'Codalgin' is retailed at 20 @ 1/9d.,
bottles of 100 @ 7/6d. P. Tax extra.

BAYER PRODUCTS LIMITED
AFRICA HOUSE, KINGSWAY, LONDON, W.C.2 (HOL. 8730)

ENTROSALYL

Capsules

A new presentation of sodium salicylate in capsule form which obviates all the disadvantages associated with the administration of sodium salicylate in its usual form.

Each capsule contains 0.5 G. sodium salicylate and may be taken with complete freedom from nausea or gastric irritation.

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50's 32/- per doz. + 10/4 P

200's dispensing pack 116/- per d

1000's dispensing pack 400/- per d

(Dispensing Packs tax free)

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Telegrams : Taxolabs, Phone, Lon

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We have pleasure in announcing the opening of our new South Coast Branch Warehouse. Complete Stocks are carried and daily deliveries made over a wide area. You are cordially invited to call.

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Wholesale Chemists Sundriesmen

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Telephone : MONarch 5642/3

South Coast Branch: 31/32 Crown Street, Brighton 1

Telephone : Brighton 9503

Here's your chance to handle **HALO**, America's biggest selling shampoo

**HALO SHAMPOO ENTERS THE
BRITISH MARKET WITH A RECORD
THAT IS UNEQUALLED BY ANY OTHER
LIQUID, CREAM OR POWDER SHAMPOO**

These are the facts :

- ★ In America more women ask for Halo than for any other shampoo
- ★ Biggest share of the 40 million dollar shampoo business in America is held by HALO

Exciting, outspoken advertisements in the popular press will introduce HALO to the women of Britain. To tie up with this press advertising we are supplying you with attractive eye-catching showcards for your counters. Don't delay in letting your customers know you too are a HALO stockist. See our representative when he calls or write to us direct.



WOMEN WANT HALO BECAUSE

- 1 Not a soap, not a cream—HALO cannot leave dulling film.
- 2 HALO gives fragrant, soft water lather even in hardest water.
- 3 HALO leaves hair lustrously soft, easy to manage—with colourful natural highlights!

HALO Shampoo

Made by COLGATE-PALMOLIVE-PEET LTD.,

145 CHARING CROSS ROAD, LONDON, W.C.2



The unique qualities of 'SLEEK' plastic adhesive strapping give it an immediate appeal to your customers. By displaying it and introducing it, you will be earning their permanent goodwill.

Use the attractive showcards which are available; they will help you sell 'SLEEK' even more quickly. We have also produced a 'SLEEK' Sales Manual which will give you and your staff all the information you want about the product. 'SLEEK' will give you a quick turnover. Plentiful supplies are available in flesh colour or white.

1" x 5 yard spools... Retail 2/- each

2" x 5 yard spools... Retail 3/6 each

'Sleek'

TRADE MARK

PLASTIC ADHESIVE

STRAPPING

Herts Pharmaceuticals Ltd., Welwyn Gdn. City, Herts.
Telephone: Wel. Garden 3333

518



NEW PACK BONUS ENDS NOVEMBER 30

Have you sent your order—on 13 to the dozen bonus terms—for NEW Koko Hair Tonic? The national advertising starts soon. Be sure you have stock to satisfy the demand.

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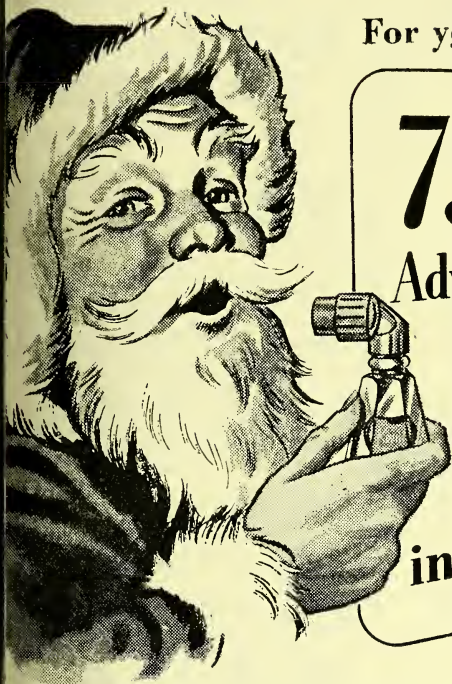
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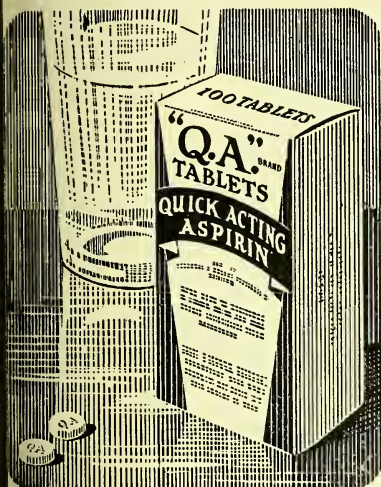
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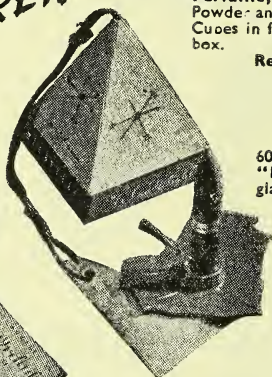
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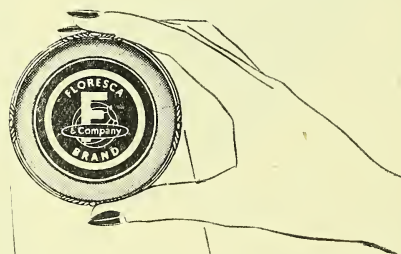
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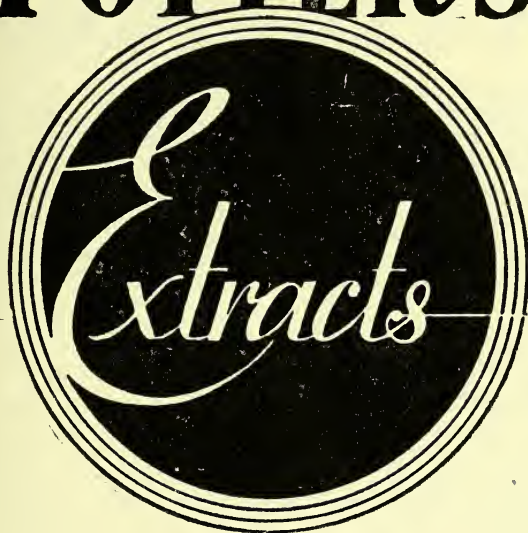
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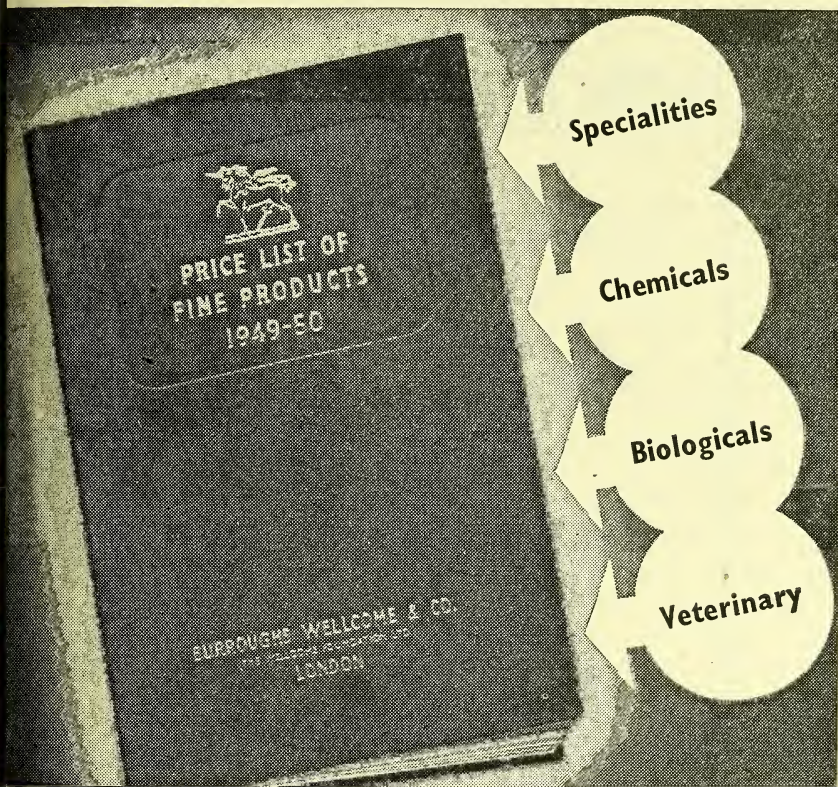
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NOVEMBER 19, 1949

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CONTENTS

Volume CLII

No. 3639		
Births	689	London Medical Exhibition
Branch Activities	692	Miscellaneous Inquiries
Business Changes	688	News of the Week
Chief Pharmacist at Hull	705	Overseas News
Codex Reviewed by its ex-Editor	696	Packaging Progress on Display
Coming Events	693	P.A.T.A.
Company News	688	P.V.C. in Belgium
Correspondence	710	Personalities
Deaths	689	Pharmaceutical Society of Ireland
Editorial Articles:—		Poisons Law, 1935-49—16
An Advance in Malariology	699	Question Time at Harrow
Development Charge Procedure	699	Seasonable Packs
Fifty Years Ago	716	The Week in Parliament
Information Wanted	698	Topical Reflections
Irish News	686	Trade Marks
Legal Reports	689	Trade Notes
Local News	685	Trade Report

NEWS OF THE WEEK

More Import Licensing Relaxations.—An open general import licence has been granted for rapeseed oil and arsenious oxide (including white arsenic), with the exception of goods from hard-currency countries and certain other territories (see *& D.*, October 15, p. 531).

Supplies Officers Join Association.—At an annual conference of the Purchasing Officers Association, recently held at Scarborough, it was reported that during the year many hospital supplies officers recently appointed under the National Health Scheme had been elected to membership.

De-licensing Proposals.—The Ministry of Food, announced on November 11 that, as soon as the necessary Orders and administrative arrangements can be made, licences will not be required for the manufacture or processing of glucose, imitation honey and imported honey, nor will any licence be needed to trade by wholesale in cereal breakfast foods, imported honey and glucose. The dates of removal of the restrictions are to be announced.

Hospitals Directory.—The Ministry of Health has issued a 164-page hospitals directory for England and Wales giving details of regional hospital board areas, hospital management committees, boards of governors of teaching hospitals, disclaimed hospitals, and institutions with which regional hospital boards have made contractual arrangements.

Civil Defence Again.—The Home Secretary announced on November 14 the opening of Civil Defence recruiting. Volunteers are required for the Civil Defence Corps, Auxiliary Fire Service, National Hospital Service Reserve and Special Constabulary. Training—in spare time—will amount to four or five hours a month. Leaflets describing each of the services can be obtained from the offices of local authorities.

T.S.A. Penicillin Licences.—Licences under the Therapeutic Substances Act, 1925, for dispensing penicillin injections have been granted to the following:—HUDDERSFIELD: Thornton & Ross, Ltd., Linthwaite. SALT BURN-ON-SEA: Langham,

Ltd., 9 Station Street. CAMBRIDGE: A. S. Thorn, M.P.S., 255 Chesterton Road. SOUTHEAST-ON-SEA: J. McDonnell, M.P.S., 803 Southchurch Road. HINCKLEY, LEICS: Halsteads (Chemists), Ltd., Castle Street.

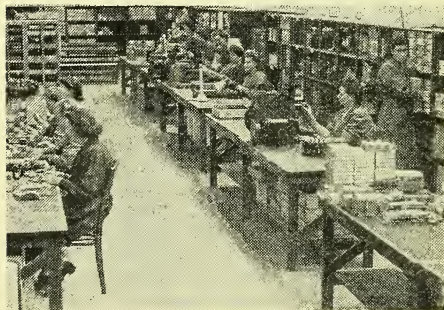
Standard for Vitamin D in Oil.—The British Standards Institution has issued a standard (B.S. 1581:1949) for vitamin D in oil for poultry-feeding purposes. The increasing use of vitamin D₃ solutions to enrich mash has led the Institution to adopt a standard before manufacturers start to market preparations containing varying quantities of vitamin D₃ in different oils. The standard provides minimum limits for vitamin potency, maximum acidity and methods of test. Copies can be obtained from the Institution, 24 Victoria Street, London, S.W.1 (price 2s., post free).

Aureomycin and Chloromycetin.—Owing to the scarcity and costly nature of Aureomycin and Chloromycetin, their use can be justified, states the Ministry of Health, only for conditions in which they are considered likely to be beneficial. So that available supplies are used to the best advantage, the Ministry has arranged to purchase all available supplies of both drugs and to distribute them through Regional Hospital Board Centres previously used for distributing streptomycin. Hospitals outside the National Health Service will be able to obtain supplies of Aureomycin and Chloromycetin from those centres on payment. The arrangements will operate from November 21. On the advice of the Medical Research Council it has been decided for the present to confine the

use of these drugs to the treatment of the following conditions:—Aureomycin: suspected cases of ornithosis; proved cases of undulant fever (brucellosis) and phogranuloma inguinale, and severe cases of atypical pneumonia due to a Chloromycetin: Suspected cases of ornithosis; proved cases of undulant fever (brucellosis), lymphogranuloma inguinale, typhoid fever, paratyphoid fever (salmonella), and salmonella septicaemia. These categories may be added to from time to time in the light of current expert advice. Ornithosis includes any type of virus pneumonia transmitted by birds to man.]

Pharmaceutical Committees Federation.—The inaugural meeting of a newly formed Federation of Pharmaceutical Committees for South Wales and Monmouthshire was held at Port Talbot on November 10. Representatives from Carmarthenshire, Glamorgan, Monmouthshire, and Swansea were present. The following officers were elected:—Chairman (to hold office for three years), Mr. Oswald Davies, Pontypridd; Vice-chairman, Mr. J. S. Gilbert, Swansea; Secretary, Mr. W. Parry Williams, Penarth. It was resolved to ask Cardigan, Brecon, and Radnor to join the Federation, and to form a Federation to cover the counties of North Wales. The reason for separate Federations was the serious lack of transport facilities between North and South Wales. An informal discussion on the "Test Dispensing Scheme" showed that the standard of accuracy being well maintained, and that the formed local adverse Press publicity was not likely to recur. Regarding ropensing in "one-or-two-chemist" areas, the need for a one-hour dispensing service was reiterated, and the many anomalies arising from the Ministry's instruction to dispense for thirty minutes after closing at 6 p.m. were emphatically stated. The issue of per prescription was mentioned in the absence of details of its method of collection was deferred for discussion.

Statistics in Business.—In an inaugural address to the Royal Statistical Society in London on October 31, the president (Geoffrey Heyworth) said the business wants figures as a help in deciding what he ought to do next in the running of his affairs. Business statistics need to be



NEW FACTORY AT ABERDEEN.—A view of girls at work at the new factory of Moore Medicinal Products, Ltd., at Berryden Road, Aberdeen. The opening ceremony was performed by Lord Provost Duncan Fraser, Councillor T. Scott Sutherland (chairman and managing director) presiding.



PRESENTATION TO STAFF.—During a dinner-dance held in London on October 28, presentations were made to members of the staff of Vitamins, Ltd., who had completed twenty-one years and over in the service of the company. Mr. H. C. H. Graves (a director) made the presentations, and the recipients were Mr. T. F. Joyce, 1921; Major C. Cullimore, 1926; Messrs. D. I. Thomas, 1927; J. Veitch, 1928; and Mr. J. Alloway, 1928; Misses M. Newell, 1928; and D. Archer, 1928; Messrs. W. Shepherd, 1928; F. Mason, 1928; and R. Bolton, 1928.

...le; they should be made available in business only to those who can take effective action on the basis of them; and they are useful only as a check on, not a substitute for, the business man's judgment. Papers full of figures and walls full of charts in a manager's office are a certain sign of something wrong, of an attempt to copy reading what can only be done effectively by going and looking. A few simple figures in each section of the works, giving the information a particular supervisor requires to look after his job properly are, on the other hand, a considerable indication that the unit is being conducted properly. All statistics can do is to reduce the chance of error inherent in managerial ignorance or managerial prejudice.

LOCAL NEWS

Health Service in Wales.—At a meeting of the Associations of Welsh Executive Councils at Swansea on October 28 it was stated that the National Health Service in Wales in the first year was estimated to have cost £7 millions. Chemists received £1,500,000.

Birmingham Test Prescriptions.—Birmingham Executive Council have reprimanded a chemist for carelessness in dispensing a prescription. The chemist stated that he thought the deficiency was the result of using a stock mixture and not to error in dispensing. No action was taken in three other cases considered by the Council.

Public Analysts' Meeting.—At a meeting of the Society of Public Analysts and other Analytical Chemists held in London,

recently, papers were read on "Recent Advances in Water Examinations." Mr. G. U. Houghton, speaking on the determination of residual chlorine, said *p*-amino-dimethyl-aniline had been used with success in colorimetric determination and promising results were being obtained by amperometric methods. The methyl-orange method was worthy of study.

Scottish Pharmacists Visit Nottingham.—A party of pharmacists from hospitals in the east of Scotland visited the laboratories and works of Boots Pure Drug Co., Ltd., Nottingham, on October 25 and 26. The party was received at the company's Beeston factory by Mr. H. S. Hibbins (a director). The visitors were shown the company's fine chemical department and the pharmacological and bacteriological divisions of the research department, and, on the evening of October 26, were entertained to dinner, Dr. W. A. R. Thomson (head of the medical department) presiding at the table.

Lectures on Hernia.—A course of eight lectures on the anatomy, pathology and treatment of hernia will be given by Mr. F. Mitchell-Heggs, T.D., F.R.C.S., at the Chelsea Polytechnic, Manresa Road, London, S.W.3, on Wednesday evenings at 7.30 p.m., commencing January 18. The lectures will deal with the skeleton, the muscular system, joints, the cardiovascular, genito-urinary, alimentary, nervous and respiratory systems, inguinal, femoral, umbilical and ventral hernias. The fee for the course, which has been arranged in co-operation with the Institute of British Surgical Technicians, is 10s.

IRISH NEWS

Waterford Chemist Golfers.—Local chemists under the captaincy of Mr. V. P. O'Hara were the winners in matches at Waterford golf links for the Professions and Trades shield, recently. Mr. A. H. Cullinane made the best net score, and Mr. J. Gilligan tied for the Senior cup.

Factory Social Club.—A sports and social club for employees of Aspro (Ireland), Ltd., was inaugurated recently at Inchicore, when a play was produced in the factory's theatre by members of the Aspro dramatic group from Slough. Mr. H. J. Nicholls (a son of one of the founders of the firm) was present at one of the performances.

Shilling Levy in N. Ireland.—The proposal to charge up to 1s. per prescription under the National Health Service Act will be adopted in Northern Ireland, announced Major J. Maynard Sinclair (Minister of Finance) in Parliament on November 8. The charge was designed, he said, to prevent abuse through unnecessary visits to the doctor. There was a widespread feeling that some such step was required even had there been no question of overall economy. Some reform was desirable and proposals effecting a saving of £250,000 were under consideration and would be submitted to Parliament. The Minister's statement was considered by the local Pharmaceutical Committee, which expressed strong opposition to the proposal.

Chemists' and Students' C'ub.—The annual meeting of the foundation committee of the Pharmaceutical Chemists' and Students' Club was held at the College of Pharmacy, Dublin, on October 31, Mr. E. Browne in the chair. The attendance included the president of the Pharmaceutical Society of Ireland (Mr. T. C. Scott), the treasurer (Mr. J. Gleeson), Messrs. P. C. Cahill, P. A. Brady, and J. G. Coleman (registrars). Mr. M. Walshe, (secretary) reported that, on the advice of the trustees, £2,000 had been invested in 3 per cent. Exchequer bonds. The balance sheet presented by the treasurer (Mr. W. J. Gardner), showed that income for the year was £565. After grants of £40 to the College of Pharmacy Gaelic Athletic Association football team and £20 to the Camogie club, there remained a profit of £458, and the total to be carried forward was £2,375. The accounts were audited by Miss Cora Gaffney and Mr. T. O'Dea.

OVERSEAS NEWS

Brussels Treaty Health Plans.—The Brussels Treaty Committee of Experts for Public Health, at its fourth session held in Luxembourg, recently, studied the programme of exchange visits of medical and allied workers organised between the Treaty countries.

Egypt Requires British Pharmaceuticals.—Among the goods which Egypt hopes to buy from Britain in greater quantities are pharmaceutical products, if the Anglo-Egyptian sterling balance negotiations which are likely to begin in Cairo in December, have a satisfactory conclusion.

Cheaper Medicines in Sweden.—The Swedish Government has decided to reduce the profit margin on pharmaceutical specialities, so that retail prices are reduced by an average of 10 per cent. Specialities represent about 50 per cent of all medicines sold by Swedish chemists.

Argentine Import Regulations.—New Argentine import regulations, announced on November 5, list "essential" goods for which the granting of exchange will be considered for import from the United Kingdom and various other countries, including a wide range of chemicals and medicinal products, among them camphor.

Pharmaceutical Society of Barbados.—The first annual report of the Pharmaceutical Society of Barbados was issued recently by its executive council. During the year (ending June 1949) a committee made recommendations to the Medical Assessors for amendments to the Drugs Acts, 1894 which were put before the general body in February. In March the committee met the Assessors who felt it was not necessary to make any amendments at that stage and suggested a conference with other Pharmaceutical Societies in the West Indies so that the standard training might be made uniform at a higher level. The Society also applied through the Colonial Secretary, for the appointment of a druggist on the Council Board. The officers and members of the Executive Council are: *President*, B. A. Weatherhead; *Vice-president*, Messrs. F. S. Olton and A. W. Smith; *Treasurer*, Mr. H. K. Archer; *Secretary*, Mr. H. A. Happ; *Assistant Secretary*, O. O. Alleyne. During the year the lectures were given on "Anæsthetics," "History of Anæsthetics" and "Treatment of Syphilis."

TOPICAL REFLECTIONS

Fund for Propaganda

The National Pharmaceutical Union branch representatives' discussion on propaganda for C.F. products (p. 667) disclosed a sound appreciation of the issues involved. Those present who remembered the abandonment of a collective scheme of publicity for members of the Union in 1934 were, no doubt, determined to avoid a similar experience in 1949. A limited scheme for a clearly defined range of products promises to be more practicable. So is the association between the Union and the Chemists Federation that the resolution to arrange for an increase in the contribution by the parent body to its offspring is reasonable. I notice that in the matter of voluntary subscriptions the "target" has already been reached or passed by some N.P.U. branches. This is as it should be; there is no reason why the funds of the Union should be regarded as sufficient for every conceivable purpose, and subscriptions willingly given are evidence of enthusiasm for the object in view. Of the two methods of raising a propaganda fund may well continue in operation, and even in friendly rivalry. The experience of fifteen years ago has taught the officials of the Union a good deal about means of obtaining such objectives as the one now proposed. I hope and believe that they will have no apathy to overcome. Doubts about the publicity scheme of 1934 would be irrelevant if they were to be applied to the present proposals.

Hope Deferred

Panel chemists seem to be getting no nearer to a clear understanding with the Ministry of Health regarding payment for National Health Service dispensing. The N.P.U. branch representatives' discussions reported on pp. 668-69 and correspondence on p. 676 are evidence of a deep and general resentment at the cavalier treatment of a body of qualified people whose chief weakness seems to be that they were too ready to expect efficient pricing. As Mr. J. Wilkinson puts it: "Contractors, imbued with goodwill and assured of a fair deal have, in the main, increased their expenses and commitments to meet the present level and tone of dispensing." With what result? We read of a monthly "loan" to the Government (estimated at £120 per thousand N.H.S. scripts), of a bank over-raft, and of unexpected cuts in fees. It

is not surprising that strong feelings were expressed at the meeting mentioned, and that more than twenty resolutions were carried. The chances for consideration of those resolutions in Whitehall are uncertain; but the resolutions were the outcome of practical experience of a system that, so far, is about as unsatisfactory as the National Health Insurance dispensing contract that it replaces. A detailed comparison of the systems might show, in fact, that it is the more unsatisfactory of the two. In the meantime the continuing silence of the Ministry of Health over the means of collecting the shilling levy that is proposed to be raised on dispensed medicine—a factor that is likely to affect the form of payment to chemists—makes for greater uncertainty in this difficult situation.

A Contrast in Stones

The announcement that caustic potash is to be decontrolled (p. 658) brings to mind its old synonym *lapis infernalis*. This, sometimes translated "hell-stone," obviously dates from a pre-scientific age. The term became obsolete none too soon, for it was also applied to fused silver nitrate, and for well over a century the risk of confusion and of accident must have been serious. In this brief note the subject can be but lightly touched. It may be mentioned that the expression "*lapis infernalis*" was first applied to caustic potash: the fact is sometimes forgotten. In the Edinburgh Pharmacopœia of 1736, and possibly earlier, "*causticum lunare, seu lapis infernalis*" was recognised; yet as late as 1837 Rennie used *lapis infernalis* as a synonym for caustic potash only. A few years later Pereira stated: "The term infernal stone (*lapis infernalis*) is sometimes applied to this salt [silver nitrate] as well as to the hydrate of potash." By way of counterpoise to this sinister term I may add *lapis divinus*, a name still to be found in "Pharmaceutical Formulas," Vol. I, and, for anything I know to the contrary, occasionally met with in prescriptions. I remember preparing some—long ago—for dispensing, and wondering how much of the camphor remained in the fused mixture of salts. Whether the heat volatilised all of it, or whether some or most entered into chemical combination with the other ingredients, I have never known. The synonyms are not the only ones of their kind.

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NEW COMPANIES

SPRAYFUME, LTD. (P.C.).—Capital £2,000. To carry on the business of manufacturers of spray containers and bottles, powders, scents, perfumes, etc. First directors are to be appointed. Gwilym Williams, 37 Tavistock Square, London, W.C.1, secretary.

CARNEGIE BROS. (1949), LTD. (P.C.).—Capital £2,500. To carry on the business of manufacturing wholesale and retail chemists, druggists, etc. David M. B. Carnegie and Marjorie Carnegie, directors. R.O.: 44 Tewin Road, Welwyn Garden City, Herts.

A. E. LLEWELLYN (CHEMISTS, OPTICIANS), LTD. (P.C.).—Capital £6,000. To carry on the business of chemists, druggists, opticians, etc. Grace C. Llewellyn, Julius Black, M.P.S., and Frank Jenkins, directors. R.O.: 98 High Street, Alfreton.

WARRICK BROTHERS, LTD. (P.C.).—Capital £20,000. To carry on the business of manufacturing chemists, etc. Robert J. Warr Grieve, William E. Warr Grieve and Edgar G. Rowe, directors. Solicitors: Blyth, Dutton, Wright and Bennett, 112 Gresham House, London, E.C.2.

CENTRAL SCOTLAND PHARMACIES, LTD. (P.C.).—Registered in Edinburgh. Capital £20,000. To carry on the business of chemists, druggists, etc. Angus F. McIntosh, M.P.S., David B. Miller, Sir Stanley N. Miller and Ronald Scott-Dempster, directors. R.O.: 55 South Methven Street, Perth.

Company News

PETROCHEMICALS, LTD.—Mr. Lewis Gilmour Whyte, F.F.A., has been appointed a director.

RECKITT & SONS, LTD.—A second interim dividend on the ordinary shares is announced of 10 per cent., the same as in 1948.

SOUTH AFRICAN DRUGGISTS, LTD.—An interim ordinary dividend is announced of $7\frac{1}{2}$ per cent., compared with 10 per cent. in 1948.

AMBER CHEMICALS, LTD.—In view of the increased profits tax and the need to conserve finances, the board is reducing the interim dividend on the ordinary shares for the current year to 5 per cent. (from 15 per cent. in 1948).

EVANS MEDICAL SUPPLIES, LTD.—The capital of the company is to be reorganised and increased from £250,000 to £1 million, divided into £250,000 worth of £ preference stock, £200,000 of 5s. ordinary stock, £150,000 in £1 unclassified shares and £400,000 in 5s. unclassified shares. The existing preference stock is to be converted from 6s. 8d. units to £ units, and the existing ordinary stock from 6s. 8d. units to 5s. units. The participating rights of preference stockholders are to be abrogated by the conversion of their stock to a straight 6 per cent. cumulative preference, and compensated for by the issue of ordinary stock, to be paid for by capitalising £30,225 of revenue reserve. The rights of preference shareholders are established to all arrears of preference dividend to date of repayment, and separate claims are to be given in the event of repayment of capital. An interim ordinary dividend of 3 per cent. is to be declared on December 31, in the absence of unforeseen circumstances.

BUSINESS CHANGES

PERCENTA, LTD., have removed to Percenta House, 314 Grays Inn Road, London, W.C.1 (Telephone Terminus 625).

KEIGHLEY INDUSTRIAL CO-OPERATIVE SOCIETY, LTD., have opened a branch pharmacy at 2 Emily Street, Keighley, Yorks.

MR. V. KANDIAH, M.P.S., is for the time being acting superintendent of the City Medical Stores, Colombo, Ceylon.

E. GRIFFITHS HUGHES, LTD., have acquired a controlling interest in Peter Lur Ltd., soap manufacturers, Aintree, Liverpool.

BARCLAY & SONS, LTD., have appointed Mr. Walter E. Amor to their house sales staff in London and Brighton. Mr. Amor is well known in the wholesale trade as a sponge buyer.

BRITISH INDUSTRIAL SOLVENTS, LTD. have appointed Mr. Leonard C. West the assistant sales manager. He will be in charge of the company's sales development department, 4 Cavendish Square, London W.1.

G. B. KENT & SONS, LTD., have appointed Mr. H. M. Powell their representative for the counties of Gloucestershire, Monmouth, Hereford, Glamorgan, Brecon, Radnor, Cardigan, Carmarthen and Pembrokeshire.

LEGAL REPORTS

Unauthorised Possession.—At Liverpool Magistrates' court, on November 1, Chan Hon Wah, a Chinese, and Auz Hernandez, a Portuguese-Indian, were each fined £50 with £4 4s. costs, and Moedine Pirally, a native of Mauritius, was fined £10, on charges of being in unauthorised possession of a dangerous drug, namely opium.

Cash from Employers.—At Thames Police court on November 10 Gwilym Mirwaun Elias, M.P.S., Victoria Rise, Clapham Common, London, S.W.4, was charged on remand with stealing, between October 23 and 31, from 217 East India Dock Road, Poplar, £57 10s. in cash belonging to his employers, Timothy Whites & Taylors, Ltd. He had earlier pleaded guilty and was now sentenced to four months' imprisonment. Evidence had been given that he took money from the till. He disappeared and, when arrested, said he had spent the money on drink. In August, when working for the same firm, he committed a similar offence and the money had been repaid by his relatives, his employers taking him back.

Basis of a Stock Valuation.—A case in which the point at issue was whether stock for taxation purposes should be valued at cost or at market price came before the King's bench division, London, on November 3 when the Crown appealed against a decision by the City of London General Commissioners in favour of Cock, Russell & Co., Ltd., wine merchants, London. The Crown contended that, in taking stock at the year end, the company was not entitled to take the market prices of some goods and the cost prices of others, whichever was to its advantage, but must take the cost price in all cases. Giving judgment, Mr. Justice Croom-Johnson said the General Commissioners had come to the conclusion that the company's method of valuation was in accordance with the practice of the trade. He had listened to the arguments to ascertain whether there was anything in the relevant Acts to disentitle the Commissioners to find as they did, but there was nothing in the income-tax statutes to indicate how the valuation was to be made, and no authority had been called to his attention that indicated to him that there was any legal principle applicable to the circumstances. The Crown appeal therefore failed, and must be dismissed with costs.

BIRTHS

PETERKIN.—At Dunbar Hospital, Thurso, on November 3, Helen (née Wallace), the wife of J. Stewart Peterkin, M.P.S., 4 High Street, Thurso, of a son.

TAYLOR.—At Simpson Memorial Maternity Pavilion, Edinburgh, on November 6, Ena (née Doherty), the wife of Thomas E. Taylor, M.P.S., 97 Pilton Avenue, Edinburgh, of a son.

DEATHS

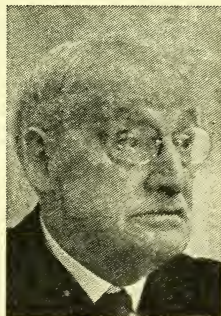
CLARKE.—On October 24, Mr. William Ernest Clarke, 7 Chesfield Road, Kingston-on-Thames, aged eighty-three. Mr. Clarke was formerly in business at Surbiton and Kingston, retiring in 1945 when the business at Ewell Road, Surbiton, was taken over by his son, Councillor A. F. Clarke, M.P.S.

COOPER.—On November 2. Mr. Geoffrey Cooper, M.P.S., 27 Bridge Street, Run-corn, Ches, aged seventy.

JOHNSON.—At the home of his daughter, Holly Bank, Breck Road, Poulton-le-Fylde, Lancs, on October 31, Mr. Heibert Mellor Johnson, Ph.C., governing director of H. M. Johnson & Co., Ltd., Blackpool, aged eighty-one. Son of a Malvern pharmacist, Mr. Johnson established himself in business at Coronation Street, Blackpool, in 1894, after experience with Nathaniel Smith & Co., Cheltenham, Giles, Schact & Co., Bristol, and elsewhere. For two years he was secretary of the Blackpool Branch of the Pharmaceutical Society and also served a term as its chairman.

KELLY.—At Northwood and Pinner Cottage Hospital, on November 15, Mr. William Burns Kelly, aged eighty years. Mr. Kelly recently completed sixty-three years with W. J. Bush & Co., Ltd., London, E.8.

RUNCIMAN.—At his home in Northumberland, on November 14, the Rt. Hon. Sir Walter Runciman, First Viscount Runciman. He was President of the Board of Trade, 1914-16.



The late Mr. W. B. Kelly

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

MR. E. A. LEGGE-BOURKE asked the Minister of Food on November 7 how much edible mutton tallow was at present stored in the United Kingdom, how much was going rancid, and what was the cause of this deterioration. MR. JOHN STRACHEY replied that tallow was imported both for making dripping and for making soap. Any tallow not fit to eat would be used for the latter purpose.

On November 9 MR. LEGGE-BOURKE asked the Minister of Food what was the purpose in raising the price for good colour mixed Australian tallow in October 1948, when American and European prices were falling to levels below the price previously offered by his Department.

DR. EDITH SUMMERSKILL (Parliamentary Secretary): My Department does not buy tallow from either North America or from Europe. Prices from remaining non-dollar sources were rising in October 1948, and we had to raise our buying price in Australia and elsewhere in order to secure supplies. Prices from these sources have dropped, and we can buy more cheaply.

Clauses in N.H.S. Amending Bill

Among the amendments to be moved in Committee on the National Health Service (Amendment) Bill now before the House of Lords is the clause empowering charges to be made in respect of pharmaceutical services. It is in the following terms:—

"Section thirty-eight of the Act of 1946 and section forty of the Act of 1947 (which provide for the making of arrangements for pharmaceutical services) shall be amended by the addition at the end of each of those sections of the following subsection:—

(3) Regulations may provide for the making and recovery, in such manner as may be prescribed, of such charges, in respect of such pharmaceutical service, as may be prescribed, and the regulations may provide for the remission or re-payment of the charges in the case of such persons as may be prescribed.

Another clause empowers the Minister to make and recover "such charges, in respect of such services provided under the Act of 1946, as may be prescribed, being services provided in respect of such persons not ordinarily resident in Great Britain."

Assessing Export Prospects

MR. H. L. AUSTIN asked the Prime Minister on November 7 whether he would

consider setting up, under Government authority, an inquiry to assess potential export prospects in major industries, identifying units in industry unwilling to operate in that direction, and survey and reporting on large-scale industrial establishments, both privately and publicly owned, not being fully utilised in national interest and on other correlations bearing on the export trade.

MR. C. R. ATTLEE: No. Government Departments concerned with particular industries are in constant touch with them about their export prospects and the ability of individual firms to take advantage of export openings. Departments are giving industries every possible help.

Prescriptions for the Disabled

MR. W. TEELING asked the Minister of Pensions on November 8 if he would accept liability for the new cost for prescriptions as was done before the National Health Act was passed, for chronically disabled Servicemen suffering from duodenal ulcers, similar troubles due to war service.

H. MARQUAND replied that the pension instruments ensured free treatment, including medicines and dressings, for war pensioners for their pensioned disabilities. He would continue to discharge that obligation, and detailed arrangements would be announced when a change had been made in the existing provisions.

Cortisone

COLONEL J. R. H. HUTCHISON asked the Minister of Health on November 10 what steps he was taking to encourage the production of Cortisone. MR. ANEURIN BEVAN replied that the Medical Research Council was in touch with the Nuffield Foundation, promoting intensive research into Cortisone and other substances that might take place and be available in adequate amounts. Various pharmaceutical firms with whom his officers were in close contact were also actively engaged in the field. He was prepared to render all the assistance in his power. Colonel Hutchison could take it for granted that all scientific information that could be made available was made available in that field, but what was being sought was a material out of which the substance could be cheaply and plentifully made.

PERSONALITIES

DR. A. L. VARMA, managing director of the Dalvar Chemical Co., Ltd., Dalvar Buildings, Dalvar Road, Dinapore Cantt, Bihar, India, is visiting the United Kingdom in the summer of 1950 with the intention of contacting U.K. pharmaceutical and chemical manufacturers. He invites correspondence from interested firms.



THE Nobel prize for physiology and medicine has been awarded jointly to Dr. R. Hess (director of the Institute of Physiology, Zurich University), and Professor E. Moniz (Lisbon University). The prize for chemistry goes to Professor Francis Glauque (University of California), and the physics prize to Dr. Hideki Yukawa (Columbia University, New York).

MR. A. MCGUCKIN, M.P.S., is the managing director of Mawson & Proctor, Ltd., whose business was the subject of the recent instalment of "The Profession in Practice" (C. & D., November 12, p. 661). He was apprenticed with the company and has served with it for a total of twenty-two years, holding his present appointment since 1940. In 1947 Mr. McGuckin served



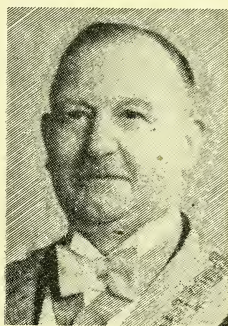
as vice-president of the Newcastle and Northumberland Branch of the Pharmaceutical Society and in 1948 was elected its president. Mr. McGuckin's other interests include mountaineering and photography. He is a past-president of the Newcastle-on-Tyne Photographic Society.

ROYAL medals are to be awarded, on the commendation of the council of the Royal Society, to Sir George Thomson, F.R.S., for contributions to atomic physics,

and to Professor R. A. Peters, M.C., F.R.S., for biochemical researches, in particular on the biochemical role of vitamin B₁ in tissue metabolism. Royal Society medals have been awarded as follows:—*Copley medal*, Professor G. C. de Hevesy, For.Mem.R.S., for work on the chemistry of radioactive elements; *Davy medal*, Professor A. R. Todd, F.R.S., for structural and synthetic studies in organic and biochemistry, with special reference to vitamins B₁ and E and the naturally occurring nucleosides.

MR. W. WIGGLESWORTH, M.P.S., who has been in business at 1 Church Street, Slough, Bucks,

since 1907, and chairman of Meggeson & Co., Ltd., for the past nine years, recently celebrated the fiftieth anniversary of his qualification as a pharmacist. Born at Ingrow, near Keighley, Yorks, in 1877, he was apprenticed with Mr. Henry Dunn, Ph.C., Shipley, and during his



final year there was joined by Mr. Arthur Mortimer as apprentice. On the completion of his apprenticeship, Mr. Wigglesworth studied at Watson Wills' College of Pharmacy in Kennington Road, London, passing the qualifying examination in 1899. After serving as assistant to Mr. Arad Feather, Twickenham, he purchased his present business at Slough in 1907. Two of his assistants have been with him for twenty years. He was for twenty-three years prior to 1930 in practice also as a dentist. Many of the older generation in Slough will remember being taken as children, he says, to have a tooth extracted in the surgery behind his pharmacy. For many years Mr. Wigglesworth served as a member of the Bucks County Pharmaceutical Committee. For recreation he has played cricket for Slough, and is a past-captain of the Datchet Golf Club where, a few weeks ago, he was runner-up in a competition with a net score of seventy. Mr. Wigglesworth is prominent in Masonic circles and is a Past Master of the Inglefield Lodge. He is deputy-chairman of the Adelphi Theatre, Slough.

BRANCH ACTIVITIES

Birkenhead Pharmacists' Dance.—The Birkenhead and Wirral Pharmacists' Association held the first of a series of four charity dances at Port Sunlight on November 10. The organising committee comprised:—Messrs F. J. Nichols (president), A. Dewar and R. Pilkington (vice-presidents), J. Waterworth (social secretary), R. J. Price (assistant social secretary), and R. G. Collins (secretary).

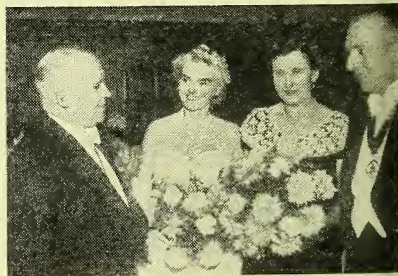
Guildford Lecture and Film Show.—Guildford Pharmacists' Association and Branch held a meeting on November 10 when Mr. A. Chamings, B.Pharm., Ph.C., lectured on "Antihistaminics and Allergy." The lecture was followed by a discussion and a film on "Coramine" loaned by Ciba Laboratories, Ltd. The attendance was a record for the Branch.

Harrogate Chemists Visit Hospital.—Members of the Harrogate Branch of the Pharmaceutical Society visited the Harrogate General Hospital on November 10. After a short business meeting they were conducted round the dispensary, pathological laboratory, x-ray and physiotherapy departments. The heads of the departments had arranged equipment and specimens and gave brief summaries of their work to the visitors.

Hendon and Edgware Meeting.—Mr. Thomas Heseltine in a recent address on "Pharmacy Under the National Health Service" to the Hendon and Edgware Branches of the Pharmaceutical Society and National Pharmaceutical Union, said it had been found that direct contact with the Ministry of Health over controversial matters was more satisfactory than recourse to the Whitley Council. Pharmacists on mixed committees were generally well received and given a fair hearing. Prescriptions for appliances and from dentists should be carefully checked against the approved lists. The extra fee for "urgent" medicines was, he reminded them, 1s. per item. Mr. Heseltine pointed out that prior to changes being made affecting the pharmacist's contract, there was consultation between the Ministry and representatives of pharmacy, though it did not follow that agreement was always reached. Negotiations on bulk prescribing had resulted in agreement on the definition of an institution, and had secured that group prescriptions should be for Formulary items only. The Pharmaceutical Society was in-

quiring into the legal position in the case of Fourth Schedule and Dangerous Drugs items prescribed in such a manner. The Ministry had inquired the intentions of the pharmacy towards advertising. The Society had written deploring outside advertising and a reply from the Ministry was awaited. The Ministry was considering a scheme to permit doctors to carry greater emergency stocks, and chemists supplying these would get 30 per cent. on cost but no fee. In answer to a question, Mr. Heseltine said the only way to ensure that expenses "under 5s." prescriptions were paid was if the pricing bureau was to render a separate account for the expenses and send it with the prescriptions.

Wolverhampton Dinner and Dance.—The annual dinner and dance of the Wolverhampton Branch of the Pharmaceutical Society was held at Wolverhampton on October 27 when the guests were rece-



Mr. H. Clement Shaw (president, Pharmaceutical Society) with Mrs. Shaw, Mrs. Rimmer and D. A. Rimmer (chairman, Wolverhampton Branch).

by Mr. D. A. Rimmer (chairman). Mrs. Rimmer. The chief guest was Mr. Clement Shaw (president of the Society) who responded to the toast "The Pharmaceutical Society" proposed by Dr. Booth (chairman of the local British Medical Association Division). Mr. H. Jones proposed "Our Guests," to which the response was given by Mr. N. W. Land (local secretary, British Dental Society). Representatives from the Wolverhampton Branch of the Society were among the guests, and Mr. A. Frost acted as master. Each lady present received a bouquet. Dancing followed, during which there were novelty and spot prize dances. Competition for the Benevolent Fund was keen. The Pharmaceutical Society realised a profit of over £10.

COMING EVENTS

Monday, November 21

WIMBLEDON BRANCH, NORTH LONDON PHARMACEUTICAL ASSOCIATION, The Bull and Butcher, Totteridge Corner, Whetstone, at 8 p.m. Film show.

WIMBLEDON CHEMISTS' ASSOCIATION, Wembley Town Hall, at 8 p.m. Address by Mr. Hugh N. Linstead, O.B.E., Ph.C., M.P. (secretary, Pharmaceutical Society).

Tuesday, November 22

ABERDARE AND MERTHYR BRANCH, PHARMACEUTICAL SOCIETY, Ferrari's Café, Canon Street, Aberdare, at 7.30 p.m. Mr. R. Vernon Lloyd, B.Pharm., Ph.C. (Principal, Welsh College of Pharmacy) on "Pharmaceutical Education in Wales."

BIRMINGHAM BRANCH, PHARMACEUTICAL SOCIETY, Grand Hotel, Birmingham, at 8 p.m. Mr. H. A. Phillips, B.Sc., Ph.C. (Burroughs Wellcome & Co.), on "Malt Extract and Cod Liver Oil" (illustrated).

STBOURNE BRANCH, PHARMACEUTICAL SOCIETY, Town Art Gallery, Eastbourne, at 7 p.m. Lecture: "Modern Conceptions of Drug Action" (illustrated).

LEEDS BRANCH, NATIONAL PHARMACEUTICAL UNION, Hotel Metropole, Leeds, at 7.30 p.m. Mr. E. S. Mitchell, M.P.S., on "Business Methods in Retail Pharmacy."

MANCHESTER PHARMACEUTICAL ASSOCIATION and GUILD OF PUBLIC PHARMACISTS, Lecture theatre, St. Mary's Hospital, Manchester, at 7.30 p.m. Joint meeting. Mr. H. Killshaw on "Photography in the Service of Medicine."

NOTTINGHAM BRANCH, PHARMACEUTICAL SOCIETY, Lecture theatre, Medico-Chirurgical Society, 64 St. James' Street, Nottingham, at 7.30 p.m. Meeting to discuss arrangements for British Pharmaceutical Conference, 1952.

PORTSMOUTH PHARMACISTS' ASSOCIATION and BRANCH, Castle Hotel, Reigate, at 7.30 p.m. Mr. W. R. Roberts on "Recent Developments in Pharmacy Law."

SLOUGH BRANCH, PHARMACEUTICAL SOCIETY, Community Centre, Slough, at 8 p.m. Film: "Control of Infection in Surgical Dressings," by Imperial Chemical (Pharmaceuticals), Ltd.

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Wednesday, November 23

BLACKPOOL BRANCH, PHARMACEUTICAL SOCIETY, Casino, Blackpool. Dinner and dance.

PLYMOUTH BRANCH, PHARMACEUTICAL SOCIETY, St. Gabriel's Parish Hall, Peverell, at 7.30 p.m. Beetle drive.

TEES-SIDE BRANCH, PHARMACEUTICAL SOCIETY, Wellington Hotel, Middlesbrough, at 7.30 p.m. Mr. A. J. Plowright (assistant-secretary, Pharmaceutical Society) on "Recent Changes in the Education Policy of the Society."

ULSTER CHEMISTS' ASSOCIATION, 73 University Street, Belfast, at 2.45 p.m. Annual meeting.

WIMBLEDON PHARMACISTS' ASSOCIATION, Zeeta House, Putney, at 6 p.m. Dinner and dance.

Thursday, November 24

DARTFORD BRANCH, PHARMACEUTICAL SOCIETY, Wellcome Club, High Street, Dartford, at 8 p.m. Mr. A. Thomson, M.R.C.V.S., on "Some Recent Advances in Veterinary Medicine."

HARROW BRANCH, PHARMACEUTICAL SOCIETY, Oak Hall, Baptist Church, College Road, Harrow, at 7.30 p.m. Dr. W. A. R. Thomson on "Anticoagulants."

PORTSMOUTH CHEMISTS' ASSOCIATION, Solent Hotel, South Parade, Portsmouth, at 7.30 p.m. Miss D. Murgatroyd on "N.H.S. Pricing Problems."

Friday, November 25

EDINBURGH AND SOUTH-EASTERN SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, 36 York Place, Edinburgh, at 7.30 p.m. Mr. J. Carson on "The Recent British Pharmaceutical Conference," Miss D. Locker on "Hospital Pharmacy"; Mr. R. Hepburn on "Co-ordination of Pharmaceutical Interests in Edinburgh."

SHEFFIELD BRANCH, NATIONAL PHARMACEUTICAL UNION, Lecture Room, Nether Chapel, Norfolk Street, Sheffield, at 8 p.m. Annual meeting.



SEASONABLE PACKS

Coffrets for Christmas Trade. — Coty (England), Ltd., 3 Stratford Place, London, W.1, have put up an attractive range of coffrets for the Christmas trade, some of which are illustrated here. They are all colourful and rich packings, tied with gold cord, with a greeting card enclosed. The coffrets contain a selection of the following Coty products:

A choice of several perfumes, lavender water, face powder, dusting and sachet powders, pressed powder compact, rouge, lipsticks, toilet water, bath salts, talc. Details of the full range of these seasonable packs will be forwarded to chemists upon receipt of their application.

TRADE NOTES

A New Lanolin Cream.—Thornton & Ross, Ltd., Linthwaite, Huddersfield, have introduced Samaritan lanolin cream, which is available in attractively presented cartooned collapsible tubes of two sizes.

Ruled Taxable.—The Commissioners of Customs and Excise have notified Parke, Davis & Co., Staines Road, Hounslow, that Cascara Evacuant is not eligible for exemption from purchase tax.

In Display Boxes.—Gloria shampoo sachets (see *C. & D.*, November 5, p. 626) are issued by the manufacturers, A. & F. Pears, Ltd., Isleworth, Middlesex, in display boxes of thirty-six sachets, and not as previously stated.

Treatment of Epilepsy.—Sandoz Products, Ltd., 134 Wigmore Street, London, W.1, draw attention to their preparation Mesontoin, for the treatment of epilepsy, *grand mal*, Jacksonian and psychomotor attacks.

New Lip Colours.—Max Factor Hollywood and London (Sales), Ltd., 16 Old Bond Street, London, W.1, introduce on another page three new lipstick colours and give details of a new-sized container in which they are issued.

Now on C.F. List.—Cal-Ma-Vite Laboratories, Ltd., Albion Road, Horsham, Sussex, state that their product Vola catarrh pastilles has been accepted by the Council of the Chemists Federation; limited supplies are available.

Opportunities for Agents.—D. Devon, Ltd., 9 Norfolk Place, London, W.2, announce that they have terminated amicably an arrangement under which Stanwhite, Ltd., acted as distributors. In consequence, there are vacancies for agents in several areas.

Minimum Trade Order.—C. & M. Medical Products, Ltd., 558 Bath Road, Bristol, 4, state that, in a recent announcement of the trade terms for C.M.P. asthma remedy, the size of the minimum trade order ($\frac{1}{2}$ -doz. bottles) should have been included.

Made in Britain.—Menley & James, Ltd., 123 Coldharbour Lane, London, S.E.5, point out that Dexedrine tablets are made entirely in Britain. They regret that at present supplies are not equal to demand, but are taking energetic measures to ensure that adequate amounts will be available shortly.

Trade Telephone Numbers.—J. Whitelaw, paper merchant and printer, Wier Road, Balham, London, S.W.12, has produced a reference card of trade telephone numbers (arranged in five sheets with easy thumb index) a copy of which he will send, on request, to any trader.

Tablets as Well as Granules.—Rock Products Ltd., Broadwater Road, Welwyn Garden City, Herts, announce that, in addition to Ferro-Redoxon granules, Ferro-Redoxon tablets are now available, each tablet presenting 40 mgm. ferrous iron and 50 mgm. ascorbic acid. The tablets are available in packs of thirty and 120, and in a (tax-free) dispensing pack of 1,000.

New Half-strength for Children.—In response to requests from doctors, Westminster Laboratories, Ltd., Chalcot Road, Regents Park, London, N.W.1, are issuing Magsilate (coated aspirin) tablets in new half-strength size for children. The half-strength tablet is supplied in dispensing packs of 120 and 480 tablets free of tax. The full-strength tablets are unchanged.

Available Shortly.—Glaxo Laboratories, Ltd., Greenford, Middlesex, announce that Cytamen, a vitamin B₁₂ concentrate produced from the mould *Streptomyces griseus* by deep-fermentation methods, will be commercially available from December 5 in 1-c.c. ampoules (each containing 20 microgm. equivalent of vitamin B₁₂).

Blood-plasma Substitute.—The Crook Laboratories, Ltd., Park Royal, London, N.W.10, offer Intradex transfusion solution (Dextran saline intravenous), a 6 per cent. sterile solution of Dextran put up by Medical Research Council pattern bottles of 540 c.c. The product is prepared by the company in conjunction with Dextran Ltd., makers of Dextran, a polysaccharide in which glucose molecules are linked in long chains and in side chains.

Agents in Britain.—Gale & Mourant, manufacturing chemists, 37 Rothchild Road, London, W.4, have taken over the agency of Chemische Fabriek Flebo, essential-oil distillers, Hoogeveen, Holland. Messrs. Flebo specialise in the distillation of a wide range of spice oils; many of the requisite raw materials being grown on their own farms. Their products "in most cases surpass the minimum standards laid down in the British Pharmacopoeia and British Pharmaceutical Codex

Price Alterations.—**BAYER PRODUCTS, LTD.**, Africa House, Kingsway, London, W.C.2, announce reduced prices for all cappings of Betaxan brand vitamin B₁ and of ferol nutrient tonic.—**THE CROOKES LABORATORIES, LTD.**, Park Royal, London, N.W.10, announce that on November the retail price of the 1-lb. jar of Halialt was reduced, and an 8-oz. jar was being introduced; trade discounts are unchanged.—**PARKE DAVIS & Co.**, Staines Road, Hounslow, Middlesex, announce reduced prices for their Crysto-Vibex preparations, and the following additions to the company's price list: Gluco-Thricil (bottles of 16 fl. oz.); glutamic acid tablets (bottles of 100 and 1,000) and Abidec (bottles of 50 c.c. with dropper).—**BOCHE PRODUCTS, LTD.**, Broadwater Road, Welwyn Garden City, Herts, announce substantial reductions in the prices of Benavit vitamin B₂ and Benerva vitamin B₁ preparations; full details are to be found in the company's announcement on another page.—**VITAMINS, LTD.**, Upper Mall, London, W.6, announce reductions in the prices of their vitamin B₁ (aneurine hydrochloride) tablets and ampoules from November 14.

Price Lists.—The 1950 price list and medical notebook issued by **BAYER PRODUCTS, LTD.**, Africa House, Kingsway, London, W.C.2, is now available. In its eighty-six pages it lists Bayer preparations, with their composition, properties, indications, packings and prices, and includes a section on therapeutic indications, notes on poisons, sterilisation, diet, etc.—**ROBERT LACKIE, LTD.**, Pomeroy Street, London, E.14, have issued a loose-leaf price list in four parts giving details of packs and prices of their packed specialties; bulk drugs and chemicals; bulk toilet articles and perfume concentrates; and chemists' sundries.—**PAINES & BYRNE, LTD.**, Pabyn Laboratories, Bilton Road, Greenford, Middlesex, have sent in a copy of their 1949-50 price list (effective on September 1, but only recently issued).—**THE SURGICAL DRESSINGS MANUFACTURERS' ASSOCIATION** have prepared a set of gummed printed slips which they are asking their customers to affix on the appropriate pages of the Association's full price list when—on November 4—prices for cotton wool and gauze tissue (B.P.C. and hospital qualities) and white and medicated lint became increased and prices of cellulose wadding and tissue reduced (see also *C. & D.*, November 12, p. 677).

Proprietary Articles Trade Association

Additions to Protected List (Part 1).—*Allied Laboratories, Ltd.*, Mefoton, 36s. doz., tax 33½ per cent., inclusive retail price 5s. Tax-free dispensing packs are also available.

Bayer Products, Ltd., Alamag, 24's, 13s. doz., tax 33½ per cent., inclusive retail price 2s.; 48's, 24s. doz., tax 33½ per cent., i.r.p. 3s. 8d. Bonus of thirteen to the doz. on orders of one doz. packs of either size in exchange for window or counter display.

Parke, Davis & Co., Adrenaline-in-oil ampoules, 6's, 36s. doz., 4s. 6d. (exempt). Capsolin, tube, 14s. doz., tax 33½ per cent., i.r.p. 2s. 2d. (tax-free dispensing packs also available). Citralka tablets effervescent, 25's, 32s. doz., tax 33½ per cent., i.r.p. 4s. 11d. Citronin, 4-oz., 20s. doz., tax 33½ per cent., i.r.p. 3s. 1d.; 16-oz., 68s. doz., tax 33½ per cent., i.r.p. 10s. 5d. Emollientine, tube, 16s. doz., tax 33½ per cent., i.r.p. 2s. 5½d. Lertigon (Bio. 563), 5-c.c., 144s. doz., 18s. (exempt). Pitressin tannate in oil, ampoules, 1-c.c., 6's, 96s. doz., 12s. (exempt). Taka-Diastase sedative elixir (No. 198), 4-oz., 36s. doz., tax 33½ per cent., i.r.p. 5s. 6d.; 16-oz., 132s. doz., tax 33½ per cent., i.r.p. 20s. 2d. Taka-Diastase tablets, 2½-gr., 25's, 24s. doz., tax 33½ per cent., i.r.p. 3s. 8d.; 100's, 84s. doz., tax 33½ per cent., i.r.p. 12s. 10d. Takazyma, jar, 26s. doz., tax 33½ per cent., i.r.p. 4s.; 1-lb., 168s. doz., tax 33½ per cent., i.r.p. 25s. 8d. Deletions: Aspirin tablets, 5-gr. (C.T. 278), bottles of 25. Cascara sagrada ext. tablets, 2-gr. (S.C.T. 261), bottles of 25 and 100. Vegetable laxative tablets (S.C.T. 564), bottles of 25.

Potter & Clarke, Ltd. Potter's composition essence, 16s. doz., tax 33½ per cent., i.r.p. 2s. 6d.

Westminster Laboratories, Ltd., 2½ per cent. discount to retailers for cash within seven days from date of invoice withdrawn.

Alterations to Protected List (Part 1).—*Potter & Clarke, Ltd.*, prices in Eire, Potter's catarrh pastiles, 13s., 1s. 9d. *Vocalzone, Ltd.*, Vocalzone nasal capsules, 13s. 2d. doz., tax 33½ per cent. i.r.p. 2s.

Addition to Protected List (Part 2).—*Prichard & Constance (Manufacturing), Ltd.*, Amami cream shampoo, 12s. doz., tax 33½ per cent., i.r.p. 1s. 10d.; prices in Eire, Amami liquid pine-tar tonic shampoo, 9s. doz., 1s. Amami brilliantine, 10s. doz., 1s. 3d.

CODEX REVIEWED BY ITS EX-EDITOR

THE British Pharmaceutical Codex, 1949, was reviewed by MR. T. C. DENSTON, B.Pharm., Ph.C., F.R.I.C. (deputy-secretary, British Pharmacopœia Commission, and formerly editor of the Codex), at the Pharmaceutical Society's first evening meeting of the session held in London on November 10. He was introduced by THE PRESIDENT (Mr. H. Clement Shaw).

It was more than forty years, said Mr. Denston, since the first Codex was published as a book of reference for those engaged in prescribing or dispensing medicines. Scrutiny of the subsequent issues and Supplements showed an evolutionary change in the selection and treatment of the substances included. Whilst still an important work of reference for pharmacists and medical practitioners, the Codex had become increasingly a book of standards for drugs and preparations not included in the British Pharmacopœia. The new Codex showed greater discrimination in the selection of monographs and greater precision in the statement of requirements. The status of the Codex as a book of standards, he continued, should be carefully noted. The Food and Drugs Act 1938 provided no standard by which quality might be determined. The British Pharmacopœia was generally accepted in courts of law as providing a presumptive standard for the substances in it, and the Codex was similarly regarded in relation to non-pharmacopœial substances in it.

Arrangement of Parts

The general arrangement of the Codex had been modified by dividing the book into seven main parts. Antisera, vaccines and related substances had been separated and now appeared as Part II. A group of new monographs dealing with preparations of human blood constituted Part III, and the monographs on surgical ligatures and sutures comprised Part IV. The other three parts were that dealing with surgical dressings; the formulary; and appendices.

Information on monographs included in the 1934 edition but deleted in the new one was given in Appendix XII, but the data was not intended to provide standards for those substances. Important additions were given at the front of the Codex and each monograph had been redrafted to follow a uniform mode of expression. Each monograph opened with a

definition of the drug and a paragraph of general information, followed immediately by the standard, set out in a systematic manner comparable with the B.P. and United States Pharmacopœia. A summary of the B.P. requirements for official substances was included. The information given under Action and Uses had been brought into line with present-day clinical, pharmacological and pharmaceutical experience. For certain groups of drugs it was found most convenient to give the main information on the action and uses under the monograph on one member of the group. Thus the principal statement on the action and uses of the barbiturates was given under barbitonum, and of the sulphonamides under sulphanilamidum.

Revised Standards

The speaker quoted examples to illustrate the advances made in setting standards. Papaveretum now had fixed limits for anhydrous morphine and alkaloid processes for codeine, narcotine and paverine. New standards for charcoal included two tests for adsorptive capacity. Standards for colouring preparations included limits of actual dye, with a methocyan assay using titanous chloride. The colour intensity of an aqueous extract or solution in terms of Lovibond units was now specified under burnt sugar and certain other items. Derris, which was subject to considerable variation in content of rotenone, must now comply with minimum standards. Assay processes were described in full detail to ensure consistent results.

New Chemotherapeutic Agents

Among chemotherapeutic agents added were sulphadimidine sodium, sulphamazine, sulphamerazine sodium, phthalylphthiazole, sulphasolucin, maphenide, proguanil hydrochloride. For sodii stibiconas (used in the treatment of leishmaniasis) the standard included a test for absence of toxicity: a reference preparation had been created and was in the custody of the Professor of Pharmacology, School of Pharmacy, University of London. New monographs were included for cyclobarbitone and butobarbitone, the Formulary to the Codex included monographs on tablets of each drug: monobromisovalerylurea (under the name bromvaletoneum), dihydromorphinone, a

the methylnitrate, lobeline, lachesine and methylphthalate were also added.

Two new detergents were included: trimide, a cationic detergent and antiseptic, and solution of sulphostol; also two active aluminium silicates: fuller's earth and bentonite. For the preparation of bleb, fine-grained creams and ointments, pharmacists had made use of various commercial products generally referred to as ceryl monostearate. This was now in the Codex under the title monostearin sulfonates.

Therapeutic Substances Act Products

The new monograph tubocurarin, chlorim was drafted so that it corresponded to the requirements of the Therapeutic Substances Amendment Regulations, 1948. Mercaprol and oxophenarsine were also added to have engaged the attention of the T.S.A. authorities, and the Codex included monographs on dimercaprol, oxophenarsine hydrochloride and oxophenarsine tartrate. Injection of dimercaprol was 5 per cent. solution of dimercaprol in benzyl benzoate and arachis oil.

Many monographs on vegetable drugs, now rarely used in orthodox medicine, had been deleted, and twelve monographs added. Two drugs used extensively in India were described in the Indian Pharmacopoeial List, 1946, namely andrographis, a bitter, and rauwolfia, which figured frequently in Indian literature. *Hyoscyamus muticus*, a source of hyoscyamine and atropine, and *Digitalis lanata*, of digitoxin and digoxin, were included. There were a few instances in which it was felt desirable to retain, or even to add, a monograph on a substance the preponderant use of which was in the treatment of animals. Penothiazine was an example. Attention was drawn to the dangers attending its now rare use in human medicine. The established use of DDT in preventive medicine called for the addition of a monograph, and the title dicophane had been revised.

Serum and Human Blood

The segregation of antisera, vaccines and related substances into one section (Part II of the Codex) brought together related monographs that would otherwise have been widely scattered through the general monographs. Included were antisera (covering antitoxic, antibacterial and antiviral sera), toxoids and bacterial vaccines. The most important new mono-

graphs in the section concerned anthrax, measles and scarlet fever. Three medicated dressings had been deleted, and a new paraffin gauze dressing, corresponding to tulle gras, added.

Formulary

There were now about 850 monographs in the Formulary, of which about 250 were new. Many of these changes had been foreshadowed in the National Formulary, 1949, owing to the close collaboration between the committees responsible for the compilation of the two books. Preparations belonging to the following groups were included for the first time:—Crushable glass capsules, draughts, ear-drops, nasal drops, mixtures for infants, linctuses for infants, and mouthwashes. The Imperial quantities of the ingredients of many preparations were stated for one dose to allow for a better appreciation of the dose of active ingredient being administered. Eye-lotions and eye-drops had been adjusted to give products approximately isotonic with lachrymal secretion.

The standards for preparations in dosage form were extended and given for most tablets, solution-tablets, pills, capsules and for some lozenges. The general standards for pills and tablets included the requirement that "When pills or tablets of the British Pharmaceutical Codex are coated with sugar or other suitable material, no colouring matter may be added to the coating." The Appendix on the determination of vitamins was new, and the final Appendix on deleted monographs, constituted a temporary resting place and "a long farewell to all their former greatness."

DR. C. H. HAMPSHIRE (secretary Pharmacopœia Commission) praised the Society and Mr. Denston for producing "a wonderful book full of valuable information." Several members paid tribute to the part the late Mr. C. E. Corfield had played in producing the Codex. A vote of thanks to Mr. Denston was proposed by MR. C. W. MAPLETHORPE and seconded by MR. H. TREVES-BROWN.

Mites in Stored Foods.—An illustrated paper describing mites that live on stored food products, their predators, and a number of mites that feed on small fungi or are parasitic on insects and rats, has been published for the Ministry of Agriculture. (Copies from H.M. Stationery Office, Kingsway, London, W.C., price 3s.).



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DL. CLII NOVEMBER 19, 1949 No. 3639

An Advance in Malariology

NOTABLE advance in the knowledge of the biology of the organisms responsible for malaria — the demonstration of the pre-erythrocytic stage of *Plasmodium falciparum*, the causal agent of malignant tertian malaria in man—has just been effected by Colonel Shortt, Professor N. Hamilton Fairley, Sir Gordon Covell, Mr. C. Shute, and Dr. P. C. C. Garnham (British Medical Journal, November 5, 1949, 1006). The demonstration is remarkable for the technique used in its achievement. As no monkey plasmodium could be used as a working model for the observations (a difficulty associated with work on malaria to which we referred recently), it was necessary to conduct the experiment in man, and the organisms were finally demonstrated in the liver of a human volunteer, to whom the authors rightly pay tribute.

Anopheline mosquitoes were infected by feeding on a subject carrying in his blood any gametocytes of the Rumanian strain of *P. falciparum*, and were afterwards fed blood meals for fourteen days — the one in which dissections showed would be optimum for infecting the volunteer. The volunteer was then subjected to biting of the insects on three successive days, a total of 770 bites being made. A wedge-shaped piece of the subject's liver was removed 24 hours after the first biting, and microscopical examination of sections of it showed the pre-erythrocytic stage of *P. falciparum* to be present in three forms

corresponding to the three separate twenty-four hour periods of development. The forms 140 hours old measured about $60\mu \times 30\mu$, the merozoites were formed, and the schizonts ready to rupture. These was no cellular reaction to the parasites in the liver.

The authors found that the pre-erythrocytic forms of *P. falciparum* closely resembled those of *P. cynomolgi* and *P. vivax*. The next stage, for many reasons, would seem to be to determine why *P. vivax* (the exo-erythrocytic forms of which are presumed to be the cause of relapses in vivax infections) is more difficult to eliminate from the body than *P. falciparum*.

Development-charge Procedure

TRADERS must now be aware that, if they wish to make any alterations to their premises or to commence trading on premises that previously have been used for other purposes, they will most probably become liable for a development charge under the Town and Country Planning Act, 1947. Generally speaking, the amount of the charge payable is represented by the additional value that the premises will acquire as the result of the planning permission that has been obtained to develop the property in the manner proposed—that is to say, either by making the alterations in question, or by using the premises for the particular use intended.

It should be pointed out that the trader will not be called upon to pay for the additional value the premises will have after the work has been executed or after the new user has commenced to operate. Thus, for example, if premises in their present condition are worth £2,000, and would have a value of £2,500 after the work has been executed, the development charge would not be £2,500—£2,000=£500. Instead, the premises in their present state might well have an additional value of £100 and be worth £2,100 immediately permission was granted to execute the work in question. That difference of £100 (or approximately £100) would be payable by way of development charge. It will be for the Board to fix the amount and its discretion is elastic in this respect. The

Board would be likely to charge the maximum where the particular development proposed, although permitted, is not especially desirable. In other circumstances, where the development was one worthy of being encouraged, the amount of the charge might be very small.

In dealing briefly with the procedure to be adopted in determining the development charge where the execution of work, on a change of the previous user, is contemplated, we may give a piece of practical advice. If there is the slightest doubt whether the charge is payable, the doubt should be settled in advance, before the work is put in hand. For this purpose the usual application is made that has to be made in circumstances in which the charge is undoubtedly payable. Form D₁ should be obtained from the local authority at the time of applying for the necessary planning permission. The completed Form D₁ should be sent with the application for planning permission, together with all necessary plans and drawings, to the local authority. The authority then forwards the Form D₁ to the regional office of the Central Land Board for the district in which the property is situated. The Form D₁ must be signed by the trader personally, or if he employs an agent, he must send with it a signed authorisation empowering the agent to act on his behalf.

Proof Required

The application to the Central Land Board is not considered by them unless they are satisfied that the Form has been properly filled and all the necessary plans, drawings and other documents supplied. In addition, the Board will require proof from the applicant either that he has an interest in the property or that he can obtain an interest, so as to enable him to carry out the proposed development. Proof will also be required that the proposed development is likely to be begun within a reasonable time (for this purpose, not likely to be more than one year). If everything is in order, the applicant then receives within fourteen days an acknowledgment of his application, together with an invitation to make an early appointment with the Dis-

trict Valuer to discuss, and if possible agree, the amount of the charge. In any event, within one month the District Valuer issues direct to the applicant a recommended figure for development charge.

Once the amount of the development charge has been settled, the next thing is payment of the charge. Payment may be required in full, or, at the Board's discretion, it may be payable in instalments. The amount of each instalment and the date of payment are determined by the Board. In any case, no development may be undertaken until the Board has issued its "Certificate of Satisfaction" to the effect that the charge has been paid in full or secured to its satisfaction.

Where the charge is payable in instalments, the Board normally requires the applicant to enter into proper covenants for the payment of the instalments and to take a charge on the property by way of security. As an intending purchaser or lessee of any property, a trader should make sure to inquire whether there have been any alterations or any change of user since July 1, 1948. If so, he should demand to see all the correspondence with the Board and should also require production of the "Certificate of Satisfaction".

A lessee contemplating any development should note that the charge is payable in full and for all, and that the permission to carry out the proposed development is to endure for the benefit of the property for all time. The lessee's interest, however, is only a limited one, lasting for seven, fifteen or twenty-one years, or whatever may be the length of the tenancy. For that reason the landlord should be approached to shoulder a proportionate share of the charge.

If a change of user is contemplated, the tenant attracts liability to the development charge and the lessee should apply merely for a limited permission to use the premises for a new purpose for the duration of the tenancy. In this way the need to pay the full amount of the charge will be avoided and the tenant will himself enjoy exclusively during the period of his tenancy whatever he pays for.

POISONS LAW, 1935-49

16. B.P.C., 1949, Statutory Names

(Continued from THE CHEMIST AND DRUGGIST, November 12, p. 673).

ulentum atropinæ cum hydrargyri oxido forte, (F. (S.1) (5)

ATROPINE SULPHATE, 1% w/w. and YELLOW MERCURIC OXIDE, 1% w/w.)

ulentum atropinæ forte, N.F. (S.1) (5)

ATROPINE SULPHATE, 1% w/w.)

ulentum sulphacetamid, N.F. (S.1) (5) (Ex. 4.)

SULPHACETAMIDE, 6% w/w.)

cinatum veratrinæ, B.P.C., 1934. (S.1) (6)

VERATRINE, 2% w/w.)

eum lubricans, B.P.C., 1934. (P.II.) (12)

PHENOL, 5% w/v.)

Ph. Catheter oil; Lund's oil.)

eum phenolatum, (P.II.) (9)

†Ol. phenol.; †Phenolated oil; †Oleum carbonisatum; †Carbolic oil; †Carbolised oil.)

eum phosphoratum, B.P.C., 1934. (P.I.) (10)

PHOSPHORUS, 1% w/w.)

phosphorated oil

eum sabinæ. (S.1) (4)

OIL OF SAVIN.)

xyphenarsine hydrochloride. (S.1) (4)

†Oxyphenarsin. hydrochlor.; †Oxyphenarsinæ hydrochloridum.)

Ph. "Mapharside.")

xyphenarsine tartarate. (S.1) (4)

†Oxyphenarsin. tart.; †Oxyphenarsinæ tartaras.)

Ph. "Neo-Halsarsine.")

ta arsenicalis, B.P.C., 1934 (S.1) (6)

Ex D.D.)

stia proportion of ARSENIC TRIOXIDE and anhydrous MORPHINE.)

ta arseni trioxidi et cocainæ. (S.1) (5) (Ex. D.)

†Past. arsen. trioxid et cocain.; †Pasta arsenicalis; †Arsenical paste.)

stilli diamorphinæ hydrochloridi, B.P.C., 1934. (S.1) (D.D.) (1)

DIAMORPHINE HYDROCHLORIDE, 1/40 gr. in each.)

stilli diamorphinæ et pini co., B.P.C., 1934. (S.1) (D.D.) (1)

DIAMORPHINE HYDROCHLORIDE, 1/48 gr. in each.)

stilli mentholis et cocainæ, B.P.C., 1934. (P.I.) Ex. S.1.) (Ex. D.D.) (13)

COCAINE HYDROCHLORIDE, 1/40 gr. in each.)

ssus acetarsolis. (S.1) (5)

†Pess. acetarsol.; †Pessary of acetarsol; †Solvellæ acetarsolis; †Solution-tablets of acetarsol; †Acetarsol vaginal tablets.)

Phanodorm." (S.1) (Rx only) (2)

CYCLOBARBITONE.)

nylhydrargyri acetat. (S.1) (4)

†Phenylhydrarg. acet.; †Phenylmercuric acetate.)

nylmercuric acetate. (S.1) (4)

Ph. †Phenylhydrargyri acetat.)

thalyvisulphathiazole. (S.1) (Rx only) (2)

†Phthalylsulphathiazolum; †Phthalylsulphathiazol.

Ph. "Sulphathalidine"; "Thalazole"; "Thalstatyl"

phosphorus, yellow. (P.I.) (8)

ysostigma. (S.1) (4)

Ph. Calabar bean; Ordeal beans.)

cric acid. (P.I.) (8)

Ph. †Trinitrophenol.)

mentum aconiti compositum, B.P.C., 1934. (S.1) (6)

LIN. ACONIT., B.P., 37.5% v/v. and LIN. BEL-LAD., B.P., 37.5% v/v.)

mentum chloralis et camphoræ compositum, B.P.C., 1934. (P.I.) (10)

(CHLORAL HYDRATE, 33.3% w/w. and PHENOL, 33.3% w/w.)

†Pigmentum chloralis compositum. (P.I.) (9)

(†Fig. chloral. co.; †Compound Paint of Chloral.)

Pigmentum hydrargyri nitratis, B.P.C., 1934. (P.I.) (10) (Ex. S.1.)

(UNG. HYDRARG. NIT. DIL., B.P., 6.25% w/v.)

(Mercuric nitrate drops; Mercury nitrate paint.)

Pigmentum hydrargyri nitratis cum menthole, B.P.C., 1934. (P.I.) (10) (Ex. S.1.)

(UNG. HYDRARG. NIT. DIL., B.P., 6.25% w/v.)

Pigmentum iodi et aconiti, B.P.C., 1934. (S.1) (6)

(1 UNCT. ACONIT. FORT., B.P.C., 50% v/v.)

Pil. pilocarpine hydrochloride. (S.1) (4)

†Pil. arseni trioxidi co. (S.1) (5)

(†Pilulæ Asiaticæ; †Asiatic Pills.)

(ARSENIC TRIOXIDE. 1/12 gr. in each.)

Pil. cascariæ, belladonnæ et nucis vomicæ. (S.1) (5)

(†Pil. casc., bellad. et nuc. vom.; †Pilulæ cas-cariæ compositæ; †Compound pills of cascariæ.)

(EXT. NUC. VOM. SICC., B.P. 1/10 gr. and EXT. BELLAD. SICC., 1/10 gr. in each.)

B.P.C., 1934.

Pil. colchici et aloes. (P.I.) (Ex S.1) (13)

(EXT. COLCH. SICC., B.P., gr. 1/2 in each.)

B.P.C., 1934.

Pil. colchici et hydrargyri. (P.I.) (Ex S.1) (13)

(EXT. COLCH. SICC., B.P., 1/6th gr. in each.)

B.P.C., 1934.

Pil. colch. et hydrargyri. (P.I.) (Ex S.1) (13)

(Brodie's Gout Pills.)

Pil. colocynthis et hydrargyri co., B.P.C., 1934. (PIL. COLOCYNTH. ET HYOSCY., B.P., gr. 1/4 in each.)

†Pil. digit. co. (S.1) (5)

(Guy's pills; †Compound pills of digitalis.)

(Niemeyer's Pills is no longer a statutory synonym.)

Pil. ferri carbonatis et arseni., B.P.C., 1934. (S.1) (6)

(ARSENIC TRIOXIDE, 1/50 gr. in each.)

†Pil. hydrarg. subchlor., colocynth. et hyoscy. (P.I.) (13)

(†Pills of calomel, colocynth and hyoscyamus.)

(EXT. HYOSCY. SICC. B.P., gr. 1 in each.)

(Zittmann's Pills is no longer a statutory synonym.)

Pil. hydrargyri subchloridi co., B.P.C., 1934. (S.1) (6)

(SULPHURATED ANTIMONY, gr. 1 in each)

(Plummer's Pill; Compound calomel pills, B.P.C., 1934)

Pil. ipecacuanhæ cum scilla, B.P.C., 1934 (S.1) (6) (Ex. D.D.)

(PULV. IPECAC. ET OPII, B.P., gr. 2 in each.)

Pil. oleocithini, B.P.C., 1934. (S.1) (6)

(STRYCHNINE HYDROCHLORIDE, 1/60 gr. in each.)

(Lectichin pills. B.P.C., 1934.)

Pil. phosphori, B.P.C., 1934 (P.I.) (13)

(PHOSPHORUS, 1/100 gr. in each.)

(Phosphorus Pills. B.P.C., 1934.)

Pil. podophyllini, belladonnæ et nucis vomicæ, B.P.C., 1934 (S.1) (6)

(EXT. BELLAD. SICC., B.P. 1/3 gr. and EXT. NUC. VOM. SICC., B.P., 1/3 gr. in each.)

Pil. podophyllini co., B.P.C. 1934. (P.I.) (13)

(EXT. BELLAD. SICC., B.P., 1/6 gr. in each.)

(Compound Podophyllin Pills B.P.C., 1934.)

Pil. podophyllini et quininæ, B.P.C., 1934. (P.I.) (13)

(EXT. BELLAD. SICC., B.P., 1/8 gr. in each.)

- (Poore's Pills; Podophyllin and Quinine Pills B.P.C., 1934.)
 Pil. trium phosphatum.
 (No longer a statutory synonym.)
 (v. \dagger Pil. ferr. phosph. c. quinin. et strych.)
Pumbi oleas. (S.I.) (4)
 (LEAD OLEATE.)
Plummer's Pills. (S.I.) (6)
 (SULPHURATED ANTIMONY, gr. 1 in each.)
 (v. **Pil. hydragryi subchloridi co., B.P., 1914 and B.P.C., 1934.**)
 Poore's Pills. (P.I.) (13)
 (EXT. BELLAD. SICC., B.P., 1/8 gr. in each.)
 (v. **Pil. podophyllini et quininæ, B.P.C., 1934.**)
 Potassium acid oxalate. (P.II) (8)
 (v. Potassium binoxalate.)
 Potassium binoxalate. (P.II.) (8)
 (v. Potassium acid oxalate.)
 Potassium quadroxalate. (P.II.) (8)
 (Sal Acetosella; Sal Limonis; Salts of Lemon and Salt of Surrei are no longer statutory synonyms.)
 \dagger **Potassium sodium cyanide. (S.I.) (4)**
 (\dagger Pot. et sod. cyanid.; \dagger Potassii et sodi cyanidum; Potassium cyanide double salt.)
 Potassium tetroxalate. (P.II.) (8)
 (POTASSIUM QUADROXALATE.)
Pulvis antimonialis, B.P. 1914, and B.P.C., 1934 (S.I.) (6)
 (ANTIMONIOUS OXIDE, 1 in 3.)
 (v. **Antimonial powder; James's Powder; Pulv. Jacobi.**)
Pulvis Jacobi. (S.I.) (6)
 (James's Powder.)
 (ANTIMONIOUS OXIDE, 1 in 3.)
 (v. **Antimonial powder; James's Powder; Pulv. Pulvis opii co., B.P., 1914 and B.P.C., 1934. (S.I.) (D.D.) (1)**)
 (POWDERED OPIUM, B.P., 10% w/w.)
Quebracho. (S.I.) (4)
 (Aspidosperma; Quebracho-blanco; White Quebracho.)
 (Contains QUEBRACHO ALKALOIDS.)
Quinine arsenate. (S.I.) (4)
Quinine cacodylate. (S.I.) (4)
Scopola (Scopola) (S.I.) (4)
 (Contains SOLANACEOUS ALKALOIDS, 0.4 to 0.5%.)
 (Ex. S.I. under 0.15%.)
Sodium aminarsonate. (S.I.) (4)
Sodium arsenate, anhydrous. (S.I.) (4)
 (DI-SODIUM HYDROGEN ARSENATE)
Sodium cacodylate (S.I.) (4)
 (SODIUM DIMETHYLARSONATE.)
 (v. "Arsycodile.")
 \dagger **Sodium stibogluconate. (S.I.) (4)**
 (\dagger Sodii stibogluconas; \dagger Sod. stiboglucon.)
Solv. boracis et cocainæ co., B.P.C., 1934, (S.I.) (D.D.) (1)
 (COCAINE HYDROCHLORIDE, 1/2 gr. in each.)
Succus conii (P.I.) (10)
 (S.I. if conine exceeds 0.1%.)
 (State proportion of CONINE.)
Succus hyoscyami. (P.I.) (10)
 (% of alkaloids may be stated as HYOSCYAMINE.)
 \dagger **Sulphadimidine (S.I.) (Rx only) (2)**
 (\dagger Sulphadimethylpyrimidine; \dagger Sulphadimidina; \dagger Sulphadimidin.)
 (v. "Sulphamezathine.")
 \dagger **Sulphadimidine sodium. (S.I.) (Rx only) (2)**
 (\dagger Soluble sulphadimidine; \dagger Soluble sulphadimethylpyrimidine; \dagger Sulphadimidina sodium; Sulphadimidin. sod.)
 \dagger **Sulphamerazine. (S.I.) (Rx only) (2)**
 (\dagger Sulphamerazina; \dagger Sulphamerazin.)
 (2-PARA-AMINOBENZENESULPHONAMIDO)-4-METHYLPYRIMIDINE.)
 (v. **Methylsulphadiazine; "Sulphamerazine."**)
 \dagger **Sulphamerazine sodium. (S.I.) (Rx only) (2)**
 (\dagger Sulphamerazina sodium; \dagger Sulphamerazin. sod.)
 \dagger **Sulphapyridine. (S.I.) (Rx only) (2)**
- (\dagger Sulphapyridina; \dagger Sulphapyridin.)
 (v. "Dagenan"; "M. & B. 693.")
Sulphasolucin. (S.I.) (Rx only) (2)
 (\dagger Sulphsolucina.)
 (v. "Soluseptasine.")
 \dagger **Supp. plumb. c. opio.**
 \dagger **Supp. plumb. c. opio. (S.I.) (5)** (Ex D.I.)
 (LEAD ACETATE, gr. 3 and POWDERED O B.P., gr. 1 in each.)
 (Ex D.D. as **Suppos. plumbi et opio, B.P., Sydenham's Laudanum. (S.I.) (D.D.) (1)**)
 (Anhydrous MORPHINE, 1% w/v.)
 (v. **Tinct. opii crocata.**)
 \dagger **Syr. camphoræ compositus. (P.I.) (9)**
 (Now synonym for \dagger Syr. opii camph., q.v.)
 \dagger **Syr. cocillanæ co. (P.I.) (Ex. S.I.) (Ex. (13)**)
 (Drug Tariff Formula.)
 \dagger **Syr. codein. et creosot. (P.I.) (13)**
 (\dagger Syrup of codeine and creosote; \dagger Syr. codeine et creosoti.)
 Syr. Eastoni.
 (Now EASTON'S SYRUP, B.P.C.)
 (v. \dagger Syr. ferr. phosph. c. quinin. et strych.)
 \dagger **Syr. ferr. phosph. c. quinin. et strych. (P.I.) (13)**
 (\dagger Syrupus ferri phosphatis cum quina et strychnina; \dagger Syrup of ferrous phosphate with quinine; \dagger Easton's Syrup.)
 Syr. glycerophosph. co. c. medulla rub., B.P.C., 1934 (P.I.) (10) or (13)
 (STRYCHNINE, 1/180 gr. in 1 fl. dr.)
 Syr. glycerophosph. c. format., B.P.C., 1934 (10) or (13).
 (STRYCHNINE, 1/90 gr. in 1 fl. dr.)
 Syr. glycerophosph. co. (Robin), B.P.C., (P.I.) (10) (13)
 (TINCTURE OF IGNATIA, B.P.C., 1934, m. 1 fl. oz.)
 \dagger **Syr. glycerophosph. et pepsin. co. (P.I.) (13)**
 (Now contains STRYCHNINE in place of Tincture of Ignatia.)
 (For Robin's syrup, see Syr. glycerophosph. co. (Robin).)
 \dagger **Syr. opii camph. (P.I.) (9) or (13)**
 (\dagger Syrupus opii camphoratus, \dagger Camphorated syrup of opium; \dagger Syrupus camphoræ compositus; Compound syrup of camphor.)
 Syr. potassii bromidi et pilcarphinæ, B.P.C., (P.I.) (10) or (13)
 (PILCARPINE HYDROBROMIDE, 1/320 gr. in 1 fl. dr.)
 T.E.P.P. (P.II.) (16) (Sch. 7(6).)
 (TETRAETHYLPYROPHOSPHATE.)
 (EX. A, in substances other than agricultural insecticides or fungicides.)
 \dagger **Tab. allobarbitoni. (S.I.) (Rx only) (2)**
 (State amount of ALLOBARBITONE in each.)
 (B.P.C. doses, 30 to 120 mgm., $\frac{1}{2}$ to 3 gr.)
 \dagger **Tab. amphetamin. sulph. (S.I.) (5) (Sch. 7)**
 (B.P.C. dose, 2.5 to 10 mgm., 1/24 to 1/6 gr.)
 (DISPENSE, 5 mgm. in each.)
 \dagger **Tab. butobarbitoni. (S.I.) (Rx only) (2)**
 (State amount of BUTOBARBITONE in each.)
 (B.P.C. dose, 60 to 20 mgm., $\frac{1}{2}$ to 2 gr.)
 (Tab. butobarbitoni, N.F. are gr. 1½.)
 \dagger **Tab. carbarsoni. (S.I.) (5)**
 (B.P.C. dose, 0.12 to 0.25 gm., 2 to 4 gr.)
 (DISPENSE, 0.25 gm. in each.)
 \dagger **Tab. cinchopheni. (S.I.) (Rx only) (2)**
 (B.P.C. dose, 0.3 to 0.6 gm., $\frac{1}{2}$ to 1 gr.)
 (State amount of CINCHOPEN in each.)
 \dagger **Tab. colocynth. et jalap co. (N.F. (P.I.) (13)**
 (\dagger Tabellæ Laxativæ Composite; \dagger Veg. Laxative Tablets.)
 (EXT. HYOSCY. SICC., B.P. gr. $\frac{1}{4}$ in each.)
 (To be concluded)

QUESTION TIME AT HARROW

At the October meeting of the Harrow Branch of the Pharmaceutical Society, members met Mrs. J. K. Irvine and Messrs. S. Howells, C. W. Maplethorpe, and C. Wilson (members of Council) to hear their opinions on questions of present-day pharmaceutical significance.

Health Centres

The opening question dealt with health centres. MR. WILSON said that, normally, pharmaceutical service would not be required in health centres except where specialist services were provided. MR. HOWELLS considered that their development would be retarded for at least ten years for economic reasons.

All members agreed that, where pharmaceutical service, whether advisory or practical, was provided there should be a pharmacist in control. Replying to a question by MR. HORSLEY concerning dispensing by unqualified persons in a dispensary in the Bristol area, MR. WILSON pointed out that certain clinics had existed since about 1928, but that they had been investigated and steps had been taken to bring them into compliance with present conditions of service under the Act.

Speakers agreed that the present contractual relationship between the Ministry of Health and the individual pharmacist was unsatisfactory to both parties. MR. HOWELLS pointed out that the method of deduction of fees seemed to be the real difficulty. MR. WILSON stated that a clause in the present amending Bill for which Mr. H. N. Stead had pressed was intended to give the employee pharmacist the right of audience before an Executive Committee. MR. WILKINSON said that it was the policy of the London Committee to allow the pharmacist, when not the actual contractor, to appear at a test case inquiry, and on some occasions the hearing had been deferred until the pharmacist could attend. MR. HOWELLS stressed that that was only by courtesy and not by right. MRS. IRVINE stated that the regulation promised by the Minister would give status and recognition to the employee pharmacist.

Referring to the Society's educational policy, MR. MAPLETHORPE said that figures showed that there was a steady flow of entrants into pharmacy. There had been a rush of applicants for the one-year course within the stated time limit, but a

large number had voluntarily agreed to change over to the two-year syllabus. The number of students taking the two-year course had progressively increased from eighty-three in 1945 to 236 in 1949. Dealing with the desirability of employing so-called technical assistants, MR. MAPLETHORPE said that unqualified assistants always had been employed and that they undoubtedly filled a need. Establishment of standards of training and recognition of unqualified persons was undesirable and might be detrimental to the position of the pharmacist. All the speakers agreed that the shortage of qualified man-power was a fictitious one, as many pharmacists were not giving full-time attention to purely pharmaceutical practice.

Corrections Not Published

MR. WILSON voiced the feeling of all present when he remarked that the recent adverse publicity of the pharmaceutical service was deplorable. He said that the Society, the National Pharmaceutical Union and the Ministry had issued statements refuting the assertions but, so far as was known, only one national newspaper had published the official correction. The speakers agreed that the present method of balanced factual reports of Council meetings for publication was the right one. Reports embodying the personal views of Council members would not be in the best interests of pharmacy. MR. WILSON compared the method of representation in the N.P.U., which was territorial, with that of the Society. So far as the Society was concerned there were always sufficient candidates to make a contest, whereas in the last N.P.U. election only three constituencies out of sixteen had been fought. In territorial representation there would always be a tendency for the seat to go to the member living in the largest town in the area.

MR. HOWELLS said that he thought the remuneration of the pharmacist compared favourably with that of other professions, and cited the example of the salary received by a newly qualified doctor and the pharmacist. MISS PLEAR raised the subject of hospital pharmacists' salaries, and all the speakers agreed that their remuneration was inadequate.

The meeting closed with a vote of thanks to the speakers, proposed by MR. F. J. CONDUIT and seconded by MR. H. W. TOMSKI.

PHARMACEUTICAL SOCIETY OF IRELAND

THE November Council meeting of the Pharmaceutical Society of Ireland was held in Dublin on November 8, Mr. T. C. Scott (president) in the chair. Also present were Messrs. J. P. Kissane (vice-president), J. Gleeson (treasurer), P. A. Brady, P. C. Cahill, G. C. O'Neill, N. A. McKane, P. F. McGrath, C. J. Cremen, A. A. Toher, J. J. Roche, P. Brooke-Kelly, M. Costello, P. Fullam, M. Power and T. B. O'Sullivan. Apologies were received from Mr. R. Daly and Mr. C. D. O'Shea.

Registrations and Removals

THE REGISTRAR (Mr. James G. Coleman) reported that the following Preliminary registrations had been recorded since the previous meeting:—J. C. Boylan, Anna H. Cassidy, Mary E. Coffey, Agnes M. P. Cunningham, Mary M. Flanagan, O. Mary Flannery, Ellen A. A. Fraher, P. J. Fitzmaurice, Katherine Doherty, S. Healy, E. J. Kennelly, Mary Kieran, T. Mary Lawlor, Ellen P. Murphy, P. Mary Murphy, T. F. R. O'Neill, T. B. Whelton. Deaths or removals under Section 25 included the following:—Francis P. Duffy, M.P.S.I., Isaac Henry, L.P.S.I., Patrick Kearney, L.P.S.I., Joseph Byers, R.D., George Cheevers, R.D., John Gray, R.D., John Richardson, R.D., Thomas Skinner, R.D., Harry Smith, R.D., John Orlando Arthurs and George Robert Campbell, Assistants. The following changes of address were notified:—Patrick Cummins, M.P.S.I., to 125 Celtic Park Avenue, Donnycarney, Dublin; Joseph M. Burke, M.P.S.I., to 24 Belton Park Road, Dublin; T. Plunkett, L.P.S.I., to Croom, co. Limerick; P. J. Mallon, R.D., to 18 Lower O'Connell Street, Dublin; and J. Hardiman, to Bracklone, Portarlington.

Committee Reports

The House Committee's report, which stated that an arrangement made between the Society, the Irish Drug Association, and the pharmaceutical wholesalers for checking the qualifications of persons opening new pharmacies had been approved, was adopted. The Council agreed to take no action in response to a letter from the manager of the Pharmaceutical Press urging them to recognise the British Pharmaceutical Codex, or Parts I to V, as a book of standards. A recommendation that the year's Conferring ceremony should be

held on December 6 was approved, the registrar was instructed to have advertisements issued for the post of examiner to the Assistants' examination. A letter from the chemists' branch of the Distributive Workers' Union had requested the registrar to receive a deputation to discuss the position of apprentices under the Society's proposed new education scheme, but the Committee recommended that the Society should not negotiate with the Union; the recommendation was approved.

The Schools Committee reported a letter had been received from Mr. Hogan setting forth the views of the Limerick Chemists' Association on the society's proposed education scheme. The Committee recommended that the views should be passed to the Education Committee for consideration, and the Council adopted that course. The Council agreed to advance the 1950 Pre-Registration examination to October 17.

Prosecutions

THE LAW ADVISER (Mr. John J. Nor) reported on recent prosecutions, which fines of £24 had been imposed against two merchants at Freshford illegally selling poisons. In his report on recent prosecution against Mr. Samuel Smith, M.P.S.I., by the Dublin Corporation, regarding a sale of chillie paste, *C. & D.*, November 5, p. 624), Mr. Nor observed: "In my opinion, no case arose during the case about which the society need be seriously concerned as regards its members."

The examiners, reporting on the October Licence examination, stated that the fifty-six candidates who entered, sixteen women and seven men had passed. For the Assistants' examination, twenty-seven candidates had entered, and thirteen passed. The examiners reported that the standard had been poor. Four sat for the Registrar's Druggist examination, one passing.

Licence certificates of the following were signed and sealed:—Misses T. O'Connor, Teresa Mary O'Connor, Elizabeth V. Whelan, Margaret Ita O'Riordan, Josephine C. Leahy, and Messrs. P. P. Cassidy, G. V. Lynch and M. S. Riordan. Messrs. D. J. Browne, P. Fahey, N. O'Reilly, J. L. MacNamara, J. P. Newell, Quinn, Mrs. H. O'Flynn, Miss Cathleen Spillane, and Miss Bridget E. Brady,

eted members of the Society. The following were nominated for membership:—

P. J. Connolly, Bandon; Miss Catherine F. P. Leahy, Limerick; Messrs. P. A. Connor, Middleton; G. V. King, Dunghaire; Mrs. Mary McCarthy, Dublin; Miss Anne Lacy, Blackrock; and Mr. W. J. O'Drner, Dun Laoghaire.

Action Urged

THE REGISTRAR said they had not received any further reply from the Minister of Health to their request to receive a quotation, and on the president's suggestion it was decided to communicate with the Department. MR. McKANE addressed the Council on the failure of the joint committee to reach agreement with veterinary representatives on the question of having all veterinary preparations

handled by pharmaceutical chemists, and urged strong action in the matter. MR. J. J. ROCHE outlined the negotiations of the joint committee with the veterinary surgeons. A stage had been reached when the veterinary surgeons agreed to the chemists' formula, then to their astonishment the veterinarians had reversed their decision. He suggested that a further meeting of the joint committee should be held to consider the situation; this was agreed. MR. KISSANE said the previous meeting with the veterinarians had been "a complete failure." It was agreed, on the suggestion of MR. BRADY, that the officers, with Messrs. Cahill and O'Neill, should form a subcommittee to go into the question of a new seal for the Society and report back to the Council. The Benevolent Fund Committee passed some grants.

MINISTRY'S CHIEF PHARMACIST AT HULL

MR. H. DAVIS (chief pharmacist, Ministry of Health), addressed the Hull Chemists' Association and Branch on "The Pharmaceutical Service of the National Health Service" on November 4. He said he was in a position to comment on the Prime Minister's recent statement on proposed prescription charges. The mode of collection of the charges would obviously require careful consideration by the administrative section of the Department in order to minimise interference.

Dr. Davis drew attention to statistics quoted by the Minister of Health at a recent Press conference (*C. & D.*, October 19, p. 524), and outlined the relationships between the various divisions of the Ministry and the pharmaceutical service. The supplies division had several pharmacists dealing with the production and maintenance of supplies of drugs and appliances required for the service, and acted with the Department of Health for Scotland for the central purchasing of drugs and chemicals for the Scottish hospitals. Dr. Davis defended the position of pharmacy in the County Councils and commented on the outcome of the recent negotiations between hospital pharmacists and the management side of Committee C. Few readers of the reports in the pharmaceutical Press, he said, realised that several chief pharmacists' posts in certain teaching hospitals could carry salaries above £1,000 per annum, and he was particularly pleased at the extra payment of £25 per annum awarded for higher qualifications.

The pricing of prescriptions presented many difficulties, and he thought that many chemists failed to realise the magnitude of the task of handling such a vast number of prescriptions. By pricing prescriptions over 5s. and 25 per cent. of those under 5s., the bureaux were pricing in full as many prescriptions as in the days of National Health Insurance. The aim was to price in full as many prescriptions as practicable.

Some pharmacists criticised the testing of prescriptions, but the scheme was inevitable in view of the large amount of public money expended on prescriptions. Dr. Davis said it was pleasing to think that pharmacists were now devoting a greater proportion of their working hours to doing the work for which they were trained.

In the discussion that followed, MRS. E. A. BROCKLEHURST drew attention to large hospitals where the pharmaceutical work was being done only by dispensers holding only the Apothecaries' Hall diploma. She suggested that a pharmacist should be on every hospital management committee. MR. E. A. BROCKLEHURST suggested that the pharmacist should not be held responsible for substandard dressings supplied on test prescription. DR. DAVIS pointed out that there was no contract between Executive Councils and the dressings manufacturers, and therefore the supplier must be held responsible; he felt sure the chemist would obtain satisfaction from the suppliers who had supplied the dressings under warranty.

PACKAGING PROGRESS ON DISPLAY

THE first National Packaging Exhibition, held in Manchester in October, was organised by Provincial Exhibitions, Ltd., in collaboration with the Institute of Packaging. With one hundred and twelve exhibitors, occupying 50,000 sq. ft. of floor space, the Exhibition was more than half the size of America's Packaging Exposition (with its eighteen years' start on Britain), and exhibitors reported a high level of trade inquiries. The Exhibition was acclaimed a most successful venture by the majority of the exhibitors, with extensive business done. In consequence, the organisers have booked the Empire Hall, Olympia, London, for a second National Packaging Exhibition early in November 1950.

The Institute received the full support of a number of official organisations, including the British Standards Institution, the Printing and Allied Trades Research Association, British Railways, and the Board of Trade. The Board of Trade stand, designed to promote good packing for export, showed examples of good packing by the Admiralty, War Office and Air Ministry. The Council of Industrial Design contributed a panel giving information about the services it can render.

Parliamentary Secretary's Address

During the Exhibition the Northern Branch of the Institute held a dinner in Manchester at which the principal speaker was Mr. John Edwards, O.B.E., M.P. (Parliamentary Secretary, Board of Trade). Mr. Edwards quoted the American Department of Commerce publication "Digest of International Developments—Containers," for the statement that "One of the outstanding developments in packaging in the United Kingdom in 1948 was the formation of the Institute of Packaging." As a result of the new exchange rates, he said, British exporters had a great opportunity to help to close the dollar gap by selling more of their products in the North American market, the most "package-conscious" market in the whole world. It was not sufficient to produce the best goods in the world; they must be dressed up to look good, and exporters must remember that what looks good to Britons might not look so good to others with different tastes. Americans and Canadians were more easily influenced by the appearance of the package than the British, who had experienced years of

austerity. Aims of good packaging included identifying the product without troubling the customer of its use, and inducing the customer to buy. One other thing for U.K. exporters was that the package, like its contents, should have something British about it. Mere imitation of American packaging might be fatal. He had seen instances where American packing experts had drawn attention to British packs as "brilliant examples of packaging" but, on the whole, U.K. manufacturers—at least, in the initial stages of their entrance into the U.S. market—did not seem to succeed in designing packaging according to the characteristics and requirements of that market. The Board of Trade had commissioned British Export Trade Research Organisation to make a survey of the Canadian market, and he believed it would be available early in 1950.

An American Viewpoint

In an address on "How to Pack for the American Market," given to the Branch on October 13, Mr. Charles A. Brown (Proprietor of "Modern Packaging," New York) gave a "simple recipe" for export in the favour of American consumers. The first step was to make a careful study of what America needed and wanted. Americans would buy things that promised value for utility or æsthetic satisfaction, but goods must be made available at prices representing attractive values.

Included amongst goods shown were the following:—

Adhesives.—ARABOL MANUFACTURING Co., (cold glues, gums, pastes, dextrins, animal and synthetic resin glues, heat-sealing adhesives, rubber and latex compounds; self-adhesive tapes).

NATIONAL ADHESIVES, LTD. (vegetable and synthetic adhesives).

Adhesive Tapes.—A. DE ST. DALMAS & Co. (pressure-sensitive and waterproof packaging tapes).

DUREX ABRASIVES, LTD. (self-adhesive tapes and automatic sealing machines).

GORDON & GOTCH, LTD. (self-adhesive parent cellulose and cloth tapes).

JOHN GOSHERON & Co., LTD. (self-adhesive cellulose and foil tapes).

Cartons and Boxes.—AUSTIN & Co. (CONDONERS), LTD. (rigid cardboard containers).

JAMES AUSTIN, LTD. (cardboard boxes).

C. DAVIDSON & SONS, LTD. (solid container rigid boxes, cartons and bags; also wrapping paper and labels).

CHILTERN PAPER PRODUCTS, LTD. (fibre drum

ELLEN, CARVER & WILSHAW, LTD. (rigid and possible boxes and cartons; also machine-made site and Kraft bags).

FRED EVA & SON, LTD. (printed folding card—also showcards—"complete service from designer to finished product").

JOINT PARTNERS, LTD. (cartons and rigid boxes, including new safety pack for ampoules).

HYGIENIC WAXED CONTAINER CO., LTD. (wax-impregnated cartons).

E. INGHAM & SONS, LTD. (types of cardboard boxes and cartons).

MURPHY PRINTERS, LTD. (cartons and labels, water-proof envelopes, etc.).

THOMAS PRESTON GROUP OF COMPANIES (printed paper bags, transparent film bags and boxes, colourable outers, folding cartons, laminated boards, wax material, etc., as part of a "complete packaging service").

ROBINSON & SONS, LTD. (rigid, round and fold-cardboard boxes, drums (including wax-impregnated), pill and ampoule boxes, etc.).

HUGH STEVENSON & SONS, LTD. (plain and fancy cans, boxes, tubes, ointment and pill boxes).

WILLIAM THYNE, LTD. (cartons and boxes).

UNIVERSAL PULP CONTAINERS, LTD. (moulded pulp containers for carriage of essences, chemical preparations, etc.).

Cap Liners.—SOUTHERN CORK CO., LTD. (discs and facings for bottle and jar caps, and discs for crown corks; also cork- and rubber-bonded lining materials).

Carton Printing.—BROWN, BIBBY & GREGORY, LTD.; T. A. LEVER & SONS, LTD.; MARDON, SON & CO., LTD.

Collapsible Tubes.—JOHN DALE, LTD. (metal and plastic tubes; also metal boxes; plastic caps, etc.).

A. MYLES CO., LTD. (collapsible tubes—advantages claimed are non-toxic character of the materials, lower production, transport, intermediate and outer packaging costs, and high collapsing capacity).

Corrosion Inhibitor. — SHELL CHEMICALS, LTD. (a corrosion inhibitor for iron and steel).

Corrugated Paper. — CORRUGATED PACKING MATERIALS (SALES), LTD. (rolls and sheets; also boxes and crates in double-faced corrugated board, plain and printed).

Embossed Seals.—WALSALL LITHOGRAPHIC CO., LTD. (seals, labels, wrappers, counter displays).

Filling Machines.—AUTOMATIC WEIGHING AND FILLING MACHINE CO. (A machine that automatically feeds envelopes or packs from a magazine, with an exact quantity of material, passes to a conveyor, gums and seals at a speed of sixty to eighty per minute; a cellophane wrapping machine; automatic ampoule filling and sealing machine; automatic precision weighing machines).

JOHN DALE, LTD. (metal and plastic tubes; also metal boxes; plastic caps, etc.).

GEORGE DRIVER & SON (automatic weighing and filling machines; conveyor feeds, etc.).

SEAL PACKAGINGS, LTD. (machines for automatic filling of tablets, pills and capsules in tape style; sealing crimpers; stretch wrapping machines).

INDUSTRIAL PRODUCTS (SPECO), LTD. (high-speed automatic weighing machines).

NEALIS HARRISON, LTD. (vacuum fillers, including portable cabinet models).

ROBERTS' PATENT FILLING MACHINE CO., LTD. (liquid filling machines and ancillary plant for use with bottles, metal drums, etc.).

SOUTHALL & SMITH, LTD. (machines for weighing and packing powders and granules).

Insulated Containers.—JIGWOOD, LTD. (containers for transport of medical supplies, etc., through extremes of climate).

Label Printing Machines.—DAPAG (1943), LTD. (small printing and overprinting machines).

Labelling, Stapling, etc., Machines.—BRATBY & HINCHCLIFFE, LTD. (fully automatic labelling machine for bottles, jars, cans).

LAWTON SUPPLY CO., LTD. (label tackers, staplers, stencils, numbering machines, etc.).

D. TRAPOW & CO., LTD. (precision labelling and fully automatic ampoule-labelling machines).

Liner Crates.—HULL MERCHANTS AMALGAMATED BOX CO., LTD. (crates with aluminium linings).

Metal Containers. — E. ILLINGWORTH & CO., LTD. (plain and decorated metal containers; also plastic cases).

G. T. JOHNSON & CO., LTD. (double-seamed and taper-necked drums; lever-lid tins, etc.).

METAL CONTAINERS, LTD. (steel drums).

READS, LTD. (patented drums designed to overcome the inherent weakness at the top joint where, by the double-seaming process, head and side walls are joined; Ringseals for lever-lid tins, patent pillar-proof and other closures).

Metal Closures.—METAL CLOSURES, LTD. (rolled-on hermetic sealing for screw-topped bottles).

Packaging Tapes.—P. P. PAYNE & SONS, LTD. (plain and printed cotton tapes).

Paper Bags.—BIBBY & BARON, LTD. (plain and printed bags in normal and protective papers).

Wrapping Materials.—BEMROSE & SONS, LTD. (printed, punched and waxed wrappings and labels in reels or sheets; printed spiral wrappers).

CHARLES E. DOUGLAS & CO., LTD. (linen, rayon and cotton yarns; the Nicolle moulded cellulose acetate for individual wrapping of pharmaceutical and similar products; also semi-automatic machinery for wrapping soap tablets, etc.).

GOODYEAR TYRE & RUBBER CO. (GREAT BRITAIN), LTD. (Pliofilm transparent, odourless, moisture-proof, heat-sealable film).

IMPERIAL CHEMICAL INDUSTRIES, LTD. (Alkathene film and layflat tube).

IVERS-LEE (GREAT BRITAIN), LTD. (applications of Sealtite packaging, including envelope with positioned printing design to hold one to four tablets; also dispensing packs in laminated foil, and coloured packaging tapes).

J. H. SANKEY & SON, LTD. (Sisalkraft reinforced waterproof packing materials; also made-up case-liners for drugs, cosmetics, etc.).

SAMUEL JONES & CO., LTD. (waterproof wrapping papers, non-curling gummed papers, and coated papers and boards; also Gumstrip sealing tapes and sealing machines).

During the exhibition Autorex precision labelling was being independently exhibited in Manchester by Rawsons (Labelling Machines), Ltd.

LONDON MEDICAL EXHIBITION

MANY new products, the result of development in numerous avenues in the pharmaceutical province, were shown on the stands of the exhibitors (more than 100 in number) at the 1949 London Medical Exhibition (organised by the British & Colonial Druggist, Ltd.), which opened in Westminster on November 14.

New antihistaminic drugs included Histantin (*dl*-1-(*p*-chlorobenzhydryl)-4-methylpiperazine monohydrochloride), by Burroughs Wellcome & Co., and Di-Paralene by Abbott Laboratories, Ltd. (The preparations will not be available for general distribution for two or three weeks). Among others was Thephorin, by Roche Products, Ltd.

Exhibits from the antibiotic field included dihydrostreptomycin sulphate and a number of preparations of penicillin G, by Glaxo Laboratories, Ltd., Allen & Hanburys, Ltd., showed a penicillin styptic powder containing calcium alginate and calcium penicillin, packed in a small bullet-shaped metal applicator tube, and intended for topical application in dental and general surgery. Two new sulphonamide drugs shown were Urolocosil (2 sulphanilamido-5 methyl-1,3,4, thiodiazole), by William R. Warner & Co., Ltd., and Metrasil, a compound of sulphanilamide and para-aminosalicylic acid, by Ward, Blenkinsop & Co., Ltd., both of particular use in the treatment of urinary infections. Metrasil is exceptional in being effective against *Streptococcus faecalis*. Crystals of Chloromycetin, the first synthetic antibiotic, were shown by Parke, Davis & Co.

Anæsthetics and Apparatus

Among the anæsthetics shown was Neothyl (methyl N-propyl ether) a substitute for ether by J. F. Macfarlan & Co. Apparatus for administering trichlorethylene simply at childbirth that had been described by Epstein and Macintosh in the "British Medical Journal," November 12, was being shown by Medical Industrial Equipment, Ltd. A new compact Gillies type inhaler was shown by British Oxygen Co., Ltd. Other apparatus shown included a newly designed aerosol projector for insecticide using a carbon dioxide bomb by Sparklets, Ltd.; and, by Gade Laboratories, Ltd., Teller-test sterilisation witness-tubes which indicate the time and temperature of autoclaving of dressings, etc., by change in colour, the disappearance of cer-

tain words, and appearance of other their surgical stand Allen & Hanburys, Ltd., showed a newly designed neural operation chair.

New blood products, etc., exhibited included Intradex, a transfusion solution of Dextran suitable for use as a blood plasma substitute, by the Crookes Laboratories, Ltd., and Thromboplastin, by Evans & Co., Ltd.

Eli Lilly & Co., Ltd., showed a new compound, a new preparation containing members of the vitamin-B complex obtainable as injection, and Pulvules for oral administration. Energen Foods Co., Ltd., showed a series of wheaten food products with low starch and high protein content, and Imperial Chemical (Pharmaceutical) Ltd., Paludrine, Sulphamezathine and preparations of Cetavlon including Cetavlon jelly 1 per cent. for sterilising. British Chemicals & Biologicals, Ltd., introduced Hyalase, a preparation of a mucolytic enzyme hyaluronidase indicated for use when injecting large volume fluids, etc. Among the other products from that group of companies were Atosan dermatological creams, Beaford, Sanatogen, etc. The Armour Laboratories showed a full range of Glanoid medicinal products of animal origin, and Allen & Hanburys, Ltd., the Aerohalor apparatus for the inhalation of penicillin, Nembutal, Pentothal, etc. Savor Moore, Ltd., stressed their range of poules, which now covers most of the special injections in addition to other preparations. Organon Laboratories, Ltd., showed a range of Steroid hormones, etc., Promon forte, methyl thiouracil, and Othmarol. Ortho Pharmaceutical, Ltd., announced the forthcoming availability of Nidoxital, a preparation for the control of nausea and vomiting of pregnancy. Hexital for management of menopause. They displayed a range of preparations for the control of conception and the cure of infertility. The stand of Boots Drug Co., Ltd., was divided into sections dealing with dermatology, pædiatrics, gynaecology, anæsthetics, venereology, penicillin, radiology and gynaecology. Preparations shown included suspensions of sulphathiazole prepared specially for infants and children. Bayer Products, Ltd., were introducing Neo-Selarom, a sodium chloride free table salt. Other exhibits included Cuprelone, an organic compound

compound for intravenous injection in certain neurological diseases. Fassett & Johnston, Ltd., showed Anistan tablets, a range of Monsol antiseptic products, baby powder, etc. A new preparation shown by B. Schering, Ltd., was Iviron, a sterile emulsion of a specially prepared, saccharated iron oxide. Other exhibits included Stralox belladonna. Vitamins, Ltd., showed their new preparations Folex and Vogel syrup (containing vitamins A, B₁, C and D). Reckitt & Colman, Ltd., gave prominence to surgical Dettol, a spirituous solution coloured either blue or orange and intended for pre-operative application to the skin. Parke, Davis & Co. showed Dec drops made to a modified formula, Madryl, etc. Moore Medicinal Products, Ltd., were showing Metheph tablets, which have a particular use in enuresis, Brown's inhalant, and inhalers packed in aluminium containers. On the same stand Clinical Products, Ltd., showed Eopax, Polycrest anti-pruritic cream, Allen & Hanburys, Ltd., showed isosaline sulphate, Eulissin and Antilusin, a variety of penicillin preparations, Calcein in chocolate-coated tablets and DFP ampoules, packed in a specially designed container containing charcoal. On the stand of the Products, Ltd., was displayed a model of their works rotating in a large globe made of transparent plastic. Oxo, Ltd., showed for the first time a complete range of culture media in tablets or granules. John Wyeth & Brother, Ltd., showed Drox and Ossivite, etc.; Cow & Gate, Ltd., Prentolac and Hemolac, Peptalac, a new modified Lacidac; and Ward, Perkins & Co., Ltd., Penotran cream. Sterathal brand of phthalyl sulphate, J. C. Eno, Ltd., showed Caleno, a neutral stable calcium aspirin. On the stand were the products of Dinneen & Co., Ltd., the Thermogene Co., Harwoods Laboratories, Ltd., and the Laboratories, Ltd. Glaxo Laboratories, Ltd., were announcing that Cyta, a vitamin-B₁₂ concentrate produced by the mould *Streptomyces griseus* by fermentation methods, would be commercially available from December 5 in ampoules. Pharmaceutical Specialities (May & Baker), Ltd., were showing histaminics including the new Phenergan, Flaxedil, and Diparcol. H. R. Napp, Ltd., showed on their stand (designed like doctor's study) a new preparation Minidin, containing vitamins A, B, C and with mineral salts. Herts Pharmaceuti-

cals, Ltd., showed Paramisan sodium, Thalstatyl, Penucin penicillin preparations, etc. Burroughs Wellcome & Co., on whose stand was a new model of their unicorn trade mark, showed Neo-Epinine, Physeptone, globin insulin, etc.; Hanovia, Ltd., a selection of ultra-violet and infra-red lamps and the Hanovia air Sanitizer; and the Lederle Laboratories Division, Cyanamid Products, Ltd., Aureomycin hydrochloride, Lederle, vitamin preparations, etc. The British Drug Houses, Ltd., showed a new elixir Myanesin, and Anacobin, a preparation of vitamin B₁₂ for injection. Samples of pituitary glands were shown on the stand of Paines and Byrne, Ltd. Sandoz Products, Ltd., showed a recently introduced anticonvulsant Mesonitoin, calcium preparations and cardiac glycosides; and Menley and James, Ltd., Benzadrine inhaler, tablets, etc. On the stand of Evans Medical Supplies, Ltd., a roto-gram apparatus showed continuously a film strip depicting scenes at the company's laboratories. Ciba Laboratories, Ltd., showed a range of antihistamine preparations, including their newly issued Antistin ointment and cream; T. J. Smith & Nephew, Ltd., a range of compression bandages including Coltapaste. Sharp & Dohme, Ltd., displayed Cremomerazine, Cremosuxidine, etc.

Other Exhibitors

Allied Laboratories, Ltd., showed Antoin, Asmotil and Mefoton, for the treatment of influenza and the common cold; Brand & Co., Ltd., calf's foot jelly, strained vegetables, etc.; Bengué & Co., Ltd., Bengué's balsam, and a range of drops in patented dropper for optical, nasal and aural medication, and W. J. Rendell, Ltd., their latest publication. Cadbury Bros., Ltd., showed diabetic chocolate; British Felsol Co., Ltd., Felsol, a preparation for asthma; A. C. Daniels & Co., Ltd., stainless steel sutures, etc.; Coates & Cooper, Ltd., Cerocol for nausea and vomiting, and a range of sex hormones, etc.; Jeyes Laboratories, Ltd., Streph, etc. Scott & Bowne, Ltd., showed Scott's emulsion, Portex plastic skin, etc. Keen, Robinson & Co., Ltd., showed Robinson's patent barley and groats, barley water, etc.; A. & K. Scott, Ltd., baby foods intended particularly for weaning and mixed feeding; the Nestlé Co., Ltd., baby milk and homogenised foods; Libby, McNeill & Libby, Ltd., homogenised foods. Mersons (Sutures), Ltd., showed Nylon sutures.

CORRESPONDENCE

Protest Applauded

SIR,—It was pleasing to hear and read that a protest had been made to Mr. Attlee by the Pharmaceutical Society about the collection of shillings from N.H.S. patients by chemists. Most dispensing chemists are harassed enough already with the various intricacies of the Service, without any additions to the work. If the shilling transaction and/or the bottle-deposit system is thrust on us, the increase in time-factor will slow down the dispensing service considerably and make working conditions well-nigh impossible. It is good to know that chemists can, on occasion, protest. In the past it often seemed that, as a body, we allowed ourselves to be toyed with.

Weston-super-Mare. F. E. COOPER.

SIR,—Let me congratulate the Pharmaceutical Society of Great Britain on their prompt action to oppose the "1s. per prescription" suggestion. I agree wholeheartedly that such an objection should be lodged, only perhaps I would have been a little more outspoken. In Northern Ireland the scale of dispensing fees was arrived at by allowing a working proprietor to earn from dispensing fees £750 per annum. If the Government is going to discourage the writing of prescriptions, then it will be striking immediately at the chemists' earnings. Of all the professions none has been so shabbily treated by the present Government as pharmacy, yet none is more important to the functioning of the scheme. Let the chemists, conscious of their own importance, tell the Minister of Health their ideas and stand together in insisting on having their rights recognised.

Armagh.

J. BOYLE.

Chillie Paste

SIR,—May we trespass on your space in order to correct what might lead to an erroneous impression? Our attention has been drawn to a statement attributed to the defendant in a Dublin court case reported in your issue of November 5 (p. 624) that he had tried "in retail and wholesale shops" to get a jar of chillie paste containing menthol, camphor, and chloral hydrate "but had failed." In the past twenty years we have never departed from the B.P.C. formula, which contains these ingredients, with oleoresin of capsicum.

Dublin, C.7. BOILEAU & BOYD, LTD.

P.V.C. IN BELGIUM

A LONG-TERM agreement has been entered into by Solvay and Co., Brussels, and Imperial Chemical Industries, Ltd., to assist the manufacture and development

of polyvinyl chloride in Belgium and certain other European countries, and the approval of the Bank of England Foreign Exchange Control has been given to the agreement. A company, Solvic, S.A., has been formed in Belgium by Solvay and Co., in association with Imperial Chemical Industries, Ltd., to



M. Léon Flamache

to manufacture vinyl chloride monomer P.V.C., and its primary derivatives, including latex, pastes, and extrusion moulding compounds. The trade name Solvic is to be used to describe the company's P.V.C. products. Vinyl chloride monomer and polymer plants, using I.C.I. processes, have been built at Jemeppe-Sambre, and polymer made there will probably be on sale towards the end of 1944. An extension of the plants, and the construction of other plants to make the full range of derivatives, are planned, but the full range of I.C.I. polyvinyl chloride polymers and primary products are not at Jemeppe, Solvic, S.A., will draw I.C.I. for supplementary supplies. The agreement provides that all I.C.I. patent and knowledge in this field—past, present and future—will be available, and assistance will also be given in technical service to customers and the development of new uses. Each company, however, will be complete with its own technical services and research organisations. During recent months, senior officials of the new company have accepted invitations from I.C.I. to study all aspects of P.V.C. manufacture and development in the corporation's works and laboratories in England. The director of Solvic, S.A., is M. Léon Flamache, who has been general research manager of Solvay and Co. for many years.

Biological Staining.—The third edition (28 pp.) of "Biological Staining Methods" has been issued by George T. Gurr, New Kings Road, London, S.W.6.

TRADE REPORT

Not quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

Essex Street, W.C.2, Nov. 16

DEMAND for PHARMACEUTICAL and FINE CHEMICALS in overseas markets continues on a good scale and there has been some improvement in the call from the home side. Most sections of the market remain steady, with price changes confined to a rather small increase in ZINC OXIDE. CASAR continues in good inquiry, particularly for Kobé white strip, of which there are only small offerings. San Salvador RU BALSAM on the spot is slightly easier. There has, however, been a continuing upward movement in TOLU BALSAM of which there is very little to be had in the London market. BENZOIN is inclined to a firmer market; a parcel of Sumatra Bk, recently landed, which would have eased the current shortage, is apparently interlarded with a chalky substance. CASSIA SAGRADA is firmer on the spot with merchants marking up prices to cover their cost of replacements. COCHINEAL remains scarce and is quoted dearer. RHEUM is an easy market. GINGER continues firm. Central American types of CACUANHA are scarce on the spot but it is understood that a parcel (1,000 lb.) Johore root arrived recently and is now being tested. There has been less activity in Brazilian MENTHOL and the spot market is easier. East African PAPAIN is firmer on the spot. Chinese RHUBARB remains in short supply and only poor quality material is now available on the spot; there are no offers from source. All stocks of SANDARAC have been cleared from the market. SHELLAC has been marked up in price. There has been no improvement in supplies of first grade hand-picked Alexrian SENNA PODS although lower quality pods are plentiful. SENECA is quiet and slightly easier on the spot. There are supplies of STROPHANTHUS on the spot; inquiry is forthcoming for *S. sarmentosus*, *hispidi* and several other members of the genus, to be used for experimental purposes. Activity in ESSENTIAL OILS markets is still on a small scale. Chinese GINSENG is tending firmer. The easier tendency in Ceylon CITRONELLA, noted last week, has been sustained; forward quotations for LEMONGRASS have also been checked down slightly. Réunion oils are firm markets. Quotations (see p. 714) for many SYNTHETICS and ISOLATES are higher reflecting increased costs of raw materials. The following essential oils have been received from the Essential Oils Control Distribution scheme, as from November 1—LINALOE (wood or seed); PEPPERMINT—*M. Arvensis* (dementholised) and *piperita*; SPEARMINT; and WINTERGREEN (including Sweet Birch). These may be consigned from and originating in any

country or territory other than from dollar and hard-currency areas and certain East European countries, etc. (see *C. & D.*, October 15, p. 531). Attention is called to the fact that the above decontrolled oils, as well as those referred to in a previous circular (see *C. & D.*, October 29, p. 611), are included in the list of oils to which open general licence does not apply. Import licences will, therefore, still be required.

U.S. Drug and Chemical Report

New York, November 11

THERE have been few changes in prices in the FINE CHEMICALS market during the past week and activity has been on a restricted scale. As from November 1 the price of PARA-AMINOSALICYLIC ACID has been reduced by \$1 per lb., bringing the cost of 1,000-lb. lots to \$9 per lb. The MENTHOL market continues to ease in the absence of any appreciable demand and quotations are now from \$10.95 to \$11 per lb. Firm conditions still prevail in CRUDE DRUGS markets, both in domestic and imported articles. SENECA is attracting considerable attention and an increase in demand is expected in the near future. There is, however, little request for HYDRASTIS ROOT. The arrival of several parcels of Sumatra BENZOIN resulted in a slightly easier market but these supplies were quickly taken up and the price reverted to 60 cents per lb. The ESSENTIAL OILS markets continue firmer with small offerings and greatly increased demand. EUCALYPTUS is in short supply as foreign shipments, particularly those from Australia, are not large enough to meet the volume of demand. The Chinese oils, such as STAR ANISE and CASSIA, Dalmatian SAGE and LEMONGRASS are all in short supply. CITRAL has been advanced from \$24.85 to \$5 per lb. reflecting the conditions in lemongrass.

Pharmaceutical Chemicals

AMMONIUM CHLORIDE, B.P. — Steady. Makers quote 1-cwt. lots at 9½d. per lb.

p-AMINO BENZOIC ACID. — Makers' prices are from 35s. to 38s. 6d. per lb. The SODIUM SALT is 37s. 6d. to 41s. per lb. In good inquiry.

BISMUTH SALTS.—Home-trade prices are as follows:—CARBONATE.—1-cwt. lots, 16s. (28-lb. containers); 16s. 1½d. (7-lb.); 16s. 4d. (1-lb.); smaller quantities are scheduled up to 19s. 5½d. per lb., according to pack. CITRATE is 2s. 11d. per lb., SALICYLATE 2s. 3d. per lb. and SUBNITRATE 2s. 4d. per lb. less than carbonate, and SUBGALLATE is threepence per lb. more.

BARBITONE.—Rates per lb. are as follows:—1 cwt., 35s.; 28 lb., 36s.; 7 lb., 37s.; 1 lb., 38s. The **SODIUM SALT** is now 1s. per lb. more than the base.

BETANAPHTHOL.—Makers quote prices from 2s. 9½d. to 3s. 1½d. for B.P. quality packed in 28-lb. packages.

α-BROMISOVALERYLUREA.—Quotations are 41s. to 47s. 6d. per lb. In good request.

BUTYL CHORAL HYDRATE.—Merchants are asking from 17s. 6d. to 20s. per lb., as to quantity.

CALAMINE.—1-cwt. lots are now quoted at 1s. 9d. per lb.

CALCIFEROL.—1 kilo is quoted at 7s. 6d. per gm.; 500 gm., 7s. 7d. per gm.; 100 gm., 7s. 8d.; less than 100 gm., 7s. 9d. Supplied in 25 gm. ampoules.

CHLORAL HYDRATE.—Current rates per lb. for the home trade are: 1-cwt. lots, 4s.; 56-lb., 4s. 2d.; 28-lb., 4s. 4d.

CHLOROXYLENOL.—B.P. quality is quoted at 5s. 6d. per lb. in 1-cwt. drums.

CINCHOPHEN.—Weak market. Prices are from 25s. to 30s. per lb., as to quantity.

COCAINE.—Rates per oz. are: **ALKALOID**, **CITRATE** and **SALICYLATE**, bottles, ½-oz., 65s. 6d.; ¼-oz., 62s.; 1-oz., 60s. 6d.; 2-oz., 59s.; 4-oz., 58s.; 8-oz., 57s. 3d.; 16-oz., 54s. 4d. Tins 25-oz., 53s. per oz. **HYDROCHLORIDE**, **NITRATE** and **SULPHATE**, bottles, ½-oz., 58s. 3d.; ¼-oz., 55s. 3d.; 1-oz., 53s.; 2-oz., 52s. 6d.; 4-oz., 51s.; 8-oz., 50s. 6d.; 16-oz., 47s. 3d. Tins, 25-oz., 46s. per oz. Packages free, net monthly account, carriage paid.

CYCLOBARBITONE.—Makers' prices for small quantities are from 79s. 5d. to 83s. 11d. per lb. The **CALCIUM** derivative is available at the same prices as the base.

EPHEDRINE.—Makers' rates per oz. are as follows:—**ALKALOID**: 1 oz., 11s. 9d.; 16 oz., 11s. 6d.; 25 oz., 11s. 3d.; 50 oz., 11s.; 100 oz., 10s. 9d. **HYDROCHLORIDE** and **SULPHATE**: 1 oz., 8s. 3d.; 16 oz., 8s.; 25 oz., 7s. 9d.; 50 oz., 7s. 6d.; 100 oz., 7s. 3d. Assorted contracts may be booked for quantities of not less than 100 oz. over six months. Containers: 50 oz. or more, free; 50-oz. lots carriage paid.

GUAIACOLS.—Liquid is offered at prices from 14s. 6d. to 16s. 6d. per lb., and **CRYSTAL** and **CARBONATE**, 14s. to 15s., according to quantity.

HEXAMINE.—B.P. is offered at from 1s. 8d. to 2s. per lb., as to quantity. A steady market.

HEXYLRESORCINOL.—B.P.C. material is quoted at from 175s. to 200s. per lb.

HOMATROPINE.—Makers' prices per oz., are as follows (prices per gm. in brackets): **ALKALOID**.—1 oz. 97s. 6d.; 4 oz., 92s. 6d.; 16 oz., 87s. 6d. (4s.). **HYDROCHLORIDE**, **HYDROBROMIDE** and **SULPHATE**.—1 oz., 75s.; 4 oz., 70s.; 16 oz., 65s. (3s. 2d.).

ORTHOCAINE.—Quotations are from 12s. to 125s. per lb., as to quantity.

PYROGALLIC ACID.—Quotations per for **CRYSTALS** are as follows: 1 cwt., 156-lb., 18s. 6d.; 28-lb., 19s. 6d., Smaller quantities are from 21s. to 25s. per lb., less 2½ per cent. **RESUBLIME**: 20s. 3d. per lb. for 1-cwt. lots; 56 20s. 9d.; 28-lb., 21s. 9d.; 14-lb., 23s. net. Smalls are from 24s. 9d. to 26s. per lb., less 2½ per cent.

SILVER SALTS.—A steady market. **NITRATE** in 1,000-oz. lots is quoted 3s. 5½d. per oz. **PROTEIN**, B.P. (8 cent.), in 14-lb. tins, is 36s. 3d. per **VITELIN**, B.P.C., 20 per cent., is 66s. lb. (14-lb.); 30 per cent., 88s. per lb.

SODIUM SALICYLATE.—Unchan. Makers' price for 1 cwt. is 2s. 7d. per resellers' rates per lb. (containers brackets) in the home market as follows: 28-lb. and under 1 cwt., 3s. 4d. (1-lb. 3s. 3d. (2-lb.) 3s. 2½d. (4-lb.) 3s. (7-lb.) 3s. 1d. (14-lb.) 3s. (28-lb.) one month.

STRYCHNINE.—Makers' current rates oz. are as follows:—

Compound	Under 25 oz.	25 oz. and under 100 oz.		100 oz. and over 500 oz.
		s. d.	s. d.	s.
Alkaloid ...	6 2	6 0		5
Bisulphate ...	5 4	5 2		5
Hydrochloride ...	5 11	5 9		5
Hypophosphite ...	9 8	9 6		9
Nitrate ...	5 11	5 9		5
Sulphate (neutral powder No. 2) ...	4 11	4 9		4
Sulphate (neutral crystal and powder) ...	5 6	5 4		5

SULPHACETAMIDE.—Quotations are region of 26s. to 30s. per lb. The **SODIUM** derivative is priced at 32s. 6d. to 36s. per lb.

SULPHANILAMIDE.—Steady. Prices as follows: 5 cwt., 6s. 3d.; 1 cwt., 6s. 28 lb., 6s. 10d.; 14 lb., 7s.; 7 lb., 7s. per lb., net; packing extra.

TARTARIC ACID B.P. — British market current scales are:—10 cwt. and 170s.; 5-9 cwt., 172s.; 2-4 cwt., 174s. cwt., 176s. per cwt., delivered.

THYMOL.—Small quantities are now asked at from 19s. 6d. to 20s. 3d. per lb.

VANILLIN.—Current rates are: 5 cwt., 22s. per lb.; 1 cwt., 22s. 3d.; 56 22s. 6d.; smaller quantities, 22s. 9d. lb. Supplies from maker are on quotation.

ZINC OXIDE.—A further advance in prices of all grades of 35s. per ton, from November 10. B.P. is quoted £95 5s. ton in 2-ton lots.

Crude Drugs

ACONITE.—Steady. Indian, on the spot, quoted at 260s. to 265s. per cwt.; *napel-*, 3s. 11d. to 4s. 3d., duty paid.

AGAR.—Good Kobé No. 1 on the spot is quoted at from 15s. 3d. to 16s. per lb.; samples of poorish colour are offered at from 13s. to 14s. per lb., spot.

BALSAMS.—*Canada* on the spot is offered from 17s. 6d. to 20s. per lb.; *alioat*, 6d., landed terms. *Pará Copaiba*, 2. 1952, soluble, now 7s. 6d. per lb., t. San Salvador *Peru* is 6s. 3d. to 6d. per lb., duty paid. Very little *Tolu* the spot; quotations are 17s. 6d. per lb., prompt shipment, 15s. 6d., c.i.f., duty paid.

BELLADONNA.—Steady. Jugo-Slav root (45 per cent.), 4s. 3d. per lb., duty paid; *Indian* root, quoted at from 3s. 6d. to 3d. 9d. per lb., duty paid. Jugo-Slav herb offering at 6s. 6d., duty paid. English *leaves*, quoted at 4s. 6d. per lb.

BENZON.—Quotations for good almondy *natra* block on the spot are from 10s. to £19 10s. per cwt. Siam almonds offered at from 20s. to 21s. per lb., spot.

CAMPHOR.—Steady. Chinese tablets (oz.) are offered at from 7s. to 7s. 6d. per lb., duty paid; refined natural powder (P.) is quoted at 5s. 6d. per lb., duty paid, spot London, and B.B. grade may had at 5s., duty paid. English sub-*ed* flowers (B.P.) are 5s. 9d., and Eng-*ed* synthetic, 5s. per lb., in 1-cwt. lots.

CASCARA SAGRADA.—Few offers; 1949 *l* is quoted at 270s. per cwt., duty paid.

COCHINEAL.—Firm. Silver greys scarce the spot and 5s. 9d. per lb. is asked.

ERGOT.—Quotations for Portuguese *ge* from 21s. 6d. to 24s. per lb., spot.

MENTIAN.—French natural on the spot quoted at from 69s. per cwt.

PINGER.—Firm. African is quoted at 3s. per cwt., spot. Jamaican, No. 3, 3s., nominal, spot.

GUM ACACIA.—Kordofan cleaned sorts offered on the spot at from 87s. 6d. to 9s. per cwt.; shipment, 82s., c.i.f.; *ached* gum, 125s., spot. *Talha* is 50s. per cwt., on spot; shipment, 45s., c.i.f.

PECACUANHA.—Nicaraguan for prompt payment from origin is quoted at 38s. per lb., c.i.f.; Colombian, 32s. 6d., c.i.f.

RISH MOSS.—Good white carrageen is offered at 85s. per cwt., spot.

KARAYA.—No. 1 gum on spot is quoted at 2s. to 280s.; No. 2, 215s. per cwt., spot; No. 3, 180s., spot. A firmer market.

LIQUORICE.—Anatolian natural root, for *ment*, quoted at 55s. per cwt., c.i.f.; *ian* natural, quoted 40s., spot; cut, 55s. per cwt. Turkish block is quoted at from 10s. to 230s., duty paid, according to *der*; Turkish stick is from 300s., duty paid; Italian stick is from 300s. to 475s. per cwt., duty paid, as to grade.

MALT EXTRACT.—In good demand. B.P. quality is quoted at 86s. per cwt. in 1-cwt. or 56-lb. returnable drums; with *CO-*
LIVER OIL (15 per cent. v/v.) the price is 99s. 6d. per cwt.; carriage paid. Supplies are plentiful.

MENTHOL.—Brazil is from 85s. to 87s. 6d. per lb., spot, duty paid; November-December shipment, 87s. 6d., c.i.f., Chinese, prompt shipment, from origin, 85s., c.i.f.

NUTMEGS.—West Indian 80's quoted 2s. 9d., on spot; shipment, 2s. 2½d. per lb., c.i.f.; sound assorted, 2s. 1d., spot. East Indian 80's offered at 3s. per lb., c.i.f. Continent.

QLIBANUM.—Best drop is quoted at 195s.; peas are 190s., fair garblings, 125s. and siftings at 85s. per cwt., spot.

PAPAIN.—East African, on the spot, is from 14s. to 14s. 9d. per lb.; Ceylon brown, 10s. per lb., spot.

RHUBARB.—No offers of good-quality Chinese rough round. Poor quality root, with a brown fracture is offered at 7s. 6d. per lb., duty paid, spot.

SEEDS.—ANISE.—Market continues firm with very small stocks available. Turkish is 175s. per cwt., duty paid, spot London.

CARAWAY.—Dutch is unchanged at 112s. 6d. per cwt., duty paid, spot London.

CELERY.—Market remains firm. Indian quoted at 1s. 5d. per lb., spot London. French is offered at 1s. 9½d. per lb., duty paid London (November delivery).

CORRINDER.—Market dearer. Morocco for shipment has advanced to 76s. per cwt., c.i.f. Sellers are now quoting 85s. per cwt., duty paid in London, and 77s. 6d. per cwt., in bond. Argentine, whole seed, is 72s. 6d. per cwt., duty paid, in London; and splits, 67s. 6d. per cwt., duty paid, ex store Hull.

CUMIN.—Market quieter. Cyprus is quoted for shipment at prices ranging from 165s. to 175s. per cwt., c.i.f. On the spot, sellers are asking 180s. per cwt. Indian is in very poor demand and prices as low as 145s. per cwt. are quoted. Morocco is 165s. per cwt., duty paid, spot London. **FENNEL.**—Market unchanged. Indian is 70s. per cwt., spot London. **FENUGREEK.**—Market firm. Indian for shipment is 60s. per cwt., c.i.f., and on spot sellers are asking 62s. 6d. per cwt. Morocco is offered at 57s. 6d. per cwt., duty paid, spot London. **DILL.**—Indian remains firm at 62s. 6d. per cwt., spot London.

SENNA.—Prices are as follows: Tinnevely leaves, spot, No. 1, from 9½d. to 11d. per lb.; No. 2, 7½d. to 8d.; No. 3, 6d. per lb.; Tinnevely pods, hand-picked, 9d.; manufacturing, 5d. to 6d. Alexandrian pods, hand-picked, spot, from 4s. 9d. to 5s. 9d. per lb., nominal; medium grades are offered at from 2s. 6d. to 3s. per lb.; manufacturing 8d.

SENEGA.—Quiet. Spot quotations are from 10s. 9d. to 11s. per lb.; to come forward, 10s. 6d. per lb., landed terms.

WAXES.—Dar-es-Salaam BEE's is steady at 370s. per cwt., spot; shipment, 365s., c.i.f. Lindi is 365s., spot; shipment, 360s., c.i.f. Benguela on spot is 335s. per cwt., in bond; shipment, 335s., c.i.f. CANDELLILLA.—Spot supplies remain short and prices remain at 435s. per cwt.; December delivery, 430s., ex warehouse. CARNAUBA.—Prime yellow, 890s. per cwt., spot; shipment, 900s., c.i.f. Fatty grey is steady at 670s. per cwt., spot; for shipment, 665s., c.i.f. MONTAN.—Reiback is quoted at 180s. per cwt., spot; forward, 155s., c.i.f. OURICURI.—Steady. 99.5 per cent. pure is offered at 675s. per cwt., spot; and 3.9 per cent. impurities is 660s. spot. SPERMACETI.—Steady. Quoted at 2s. 5d. per lb., spot.

Essential and Expressed Oils

ALMOND.—English-expressed sweet oil (B.P.) is offered at from 4s. 6d. to 5s. 6d. per lb.; Spanish is available at from 3s. 6d. to 4s. 6d. Bitter, on the spot, is from 30s. to 60s. per lb., as to grade.

ANISE.—Firmer. Chinese star is quoted at from 8s. 2d. to 8s. 3d. per lb. for drums and 8s. 6d. in tins in cases, spot; afloat, 8s., c.i.f., quoted.

CALAMUS.—Offers of English-distilled are from 100s. to 150s. per lb. Dutch is quoted at from 65s. to 69s. per lb., landed, duty paid.

CAMPHOR.—White oil on spot is quoted at from 2s. 2d. per lb., duty paid; brown oil from 1s. 7d. per lb., spot, duty paid.

CANANGA.—Spot quotations are from 26s. 6d. to 28s. 6d. per lb.

CARAWAY.—English-distilled is offered at from 36s. to 40s.; imported, 26s. to 28s. per lb., as to quantity.

CARDAMOMS.—English-distilled is offered at 450s. per lb.

CASSIA.—Quotations are around 18s. to 18s. 6d. per lb., spot. Little available; a parcel afloat is offering at 16s., c.i.f.

CITRONELLA.—Spot quotations are from 9s. 3d. to 10s. per lb. for Ceylon; November-December shipment, 7s. 9d. to 8s., c.i.f. Java is 15s. to 16s. per lb., spot; forward, 13s. 9d., c.i.f.

CLOVE.—English-distilled bud oil is from 12s. 9d. to 13s. 6d. per lb., according to quantity; imported oil is 7s. per lb.

DILL.—English-distilled oil is quoted at from 65s. per lb. for B.P. quality. Indian is offered at 18s. 6d. per lb., spot. Dutch is quoted at from 51s. to 54s., landed, duty paid.

GERANIUM.—A firm market. Bourbon, for shipment, 75s. to 80s. per lb., c.i.f., nominal; spot quotations are from 80s.

JUNIPER BERRY.—Imported oils are quoted at from 19s. to 25s. per lb., duty paid; English-distilled, first quality, is offered at from about 75s. per lb.; B.P.C. oil is 27s.

LAVENDER.—French, 38-40 per cent spot is offered at from 19s. to 22s. per 40-42 per cent., 20s. to 23s. English-tilled oil is quoted at 185s. per lb. Spa spike is quoted at 9s. to 9s. 6d. per lb.

LEMONGRASS.—Spot supplies are not ally at from 16s. per lb.; November-De ber shipment, offered at 14s. 6d., c.i.f.

PENNYROYAL.—Spanish oil (B.P.) on spot is at from 17s. 6d. to 18s. per lb.

PETITGRAIN.—Paraguayan on the is quoted at from 17s. 6d. to 18s. 6d. lb.; forward, 15s. 6d., c.i.f.

SANDALWOOD.—Mysore oil on : from 67s. 6d. to 70s. per lb.; English-tilled is about 75s. per lb. West India quoted at 25s. per lb.

SASSAFRAS.—Brazil on spot is quote from 5s. to 5s. 6d. per lb.

THYME.—Red oil (40-42 per phenols), 10s. 6d. to 12s. 6d. per lb.; w oil, 17s. to 18s. 6d. per lb., spot.

TI-TREE.—Quotations are from 6s. to 8s. per lb., according to quantity.

VALERIAN.—English-distilled oil is ted at 75s. per oz.

Synthetics and Isolates

QUOTATIONS are per lb. and vary according grade, quantity and seller.

ACETOPHENONE.—6s. to 10s. **AMYL ACETATE.**—2s. 6d. **AMYL BENZOATE.**—5s. 3d. to 6s. **BUTYRATE.**—5s. 3d. to 6s. 6d. **AMYL PHENYLATE.**—9s. 6d. to 12s. **AMYL SALICYLATE.**—3s. to 4s. 6d. **AMYL CINNAMIC ALDEHYDE.**—15 17s. 6d. **ANETHOLE.**—12s. 6d. to 21s. 6d. **ALCOHOL.**—65s. to 67s. 6d. **ANISIC ALDEHYDE.** Ex paracresol, 19s. to 22s. 6d.; perfumery grade, 25s. to 35s.

BENZALDEHYDE.—3s. 6d. to 4s. 6d. **BENZONONE.**—10s. 6d. to 12s. 6d. **BENZYL ALCOHOL.** Perfumers', 3s. to 4s. **BENZYL ACETATE.**—3 4s. **BENZYL BENZOATE.**—Perfumers', 4s. 9d. **BENZYL CINNAMATE.**—From 12s. 6d. **BENZYL CINNAMONOL.**—32s. 6d. to 35s. **BENZYL PROPIONATE.**—5s. to 6s. 6d. **BENZYL SALICYLATE.**—6s. 6d. to 7s. 6d. **BENZYL SUCCINATE.**—10s. 6d. to 14s. **ZYLIDENE ACETONE.**—15s. to 17s. **BORNEOL.**—9 11s. **BORNYL ACETATE.**—5s. to 7s. **BROMSTYRENE.**—32s. 6d. to 34s. **BUTYRIC ACID.**—5s. to 6s.

CINNAMIC ALCOHOL.—16s. 6d. to 18s. 6d. **CINNAMIC ALDEHYDE.**—6s. 6d. to 7s. 6d. **CINNAMYL ALCOHOL.**—22s. 6d. to 25s. **CINNAMYL BUTYRATE.**—27s. 6d. to 30s. **CITRAL.**—24s. to 32s. 6d. **CITRONELLAL.**—27s. 6d. to 30s. **CITRONELLOL.**—Ex lon, 28s. to 42s. 6d.; ex Java, 30s. to 52s. 6d. **MARIN.** 17s. to 19s.

DIETHYL PHTHALATE.—2s. to 2s. 6d. **DIMETHYL CARBINOL.**—50s. **DIMETHYL HYDROQUINONE.**—37s. 6d. to 40s. **DIPHENYL METHANE.**—6s. to 7s. **DIPHENYL OXIDE.**—5s. 6d. to 6s.

ETHYL BENZOATE.—4s. 9d. to 6s. **ETHYL BENZOATE.**—5s. 3d. to 7s. **ETHYL CINNAMATE.**—12s. to 13s. **ETHYL CINNATHATE.**—18s. 6d. to 19s. **ETHYL SALICYLATE.**—3s. 9d. to 5s. **ETHYL VALERIANATE.**—55s. **EUGENOL.**—14s. to 18s.

MISCELLANEOUS INQUIRIES

Auristillæ Penicillini. — *J. W.* — The formula for auristillæ penicillini was received from the National [War] Formulary, 17, as being pharmaceutically unsatisfactory. Should auristillæ penicillini be pressed it would be advisable to communicate with the doctor concerned to ascertain exact requirements.

Arsenic Rat Bait. — *M. McD.* — The best method of using arsenic as a bait for rats is in the form of finely ground white Canadian arsenic. It is recommended to be used by the Ministry of Agriculture and Fisheries (of Great Britain) as a 10 per cent. mixture with bread mash. For mice the same grade of arsenic is used in the proportion of 15 per cent. in sugar meal.

Hair Restorer. — *P. P. L.* — A sulphur lead hair restorer may be made to the following formula:—

Lead acetate	1½ dr. or 1 dr.
Milk of sulphur ...	1 dr. or 1½ dr.
Glycerin	2 fl. dr. or 1 fl. dr.
Perfume	2 fl. dr.
Water to	10 fl. oz.

Mix the powders intimately and rub up with the glycerin, gradually add the water, and lastly the perfume.

Liquid Shampoos. — *J. A. D.* — Liquid shampoos containing sulphated fatty alcohols, or sulphated oils, may be made to the following formulas:—

I.

Sulphated fatty alcohol	40
Water	60
Colour	q.s.
Eau de Cologne	q.s.

Other perfumes may be used, and if desired a proportion of the water may be replaced by spirit.

II.

Sulphated olive oil	20
Sulphated castor oil	20
Neutral hydrocarbon oil	8
Water	80

Curing Rabbit Skins. — *C. I. C.* — The following is one method of curing rabbit skins:—Take the skin fresh and immerse in a strong solution of alum and salt. Ascertain when dressed enough, double the skin twice, flesh side outwards, and press it firmly between the finger and thumb until the liquor is well pressed out. When opened, the crease on the skin looks white in the angle, it is dressed enough. Take the skin out, immerse it for

a minute in warm flour and water, and then wash out the flour under a stream of water. When the skin is about half dry, lay it on a flat, smooth piece of board, and scrape off the flesh.

Mildew Stains. — *W. O'S.* — Mildew stains are difficult to remove because usually the fibres of the material have been attacked by the fungus. Fresh stains can often be removed by washing with soap and water. Older stains may be bleached with solution of hydrogen peroxide, sodium perborate, or chlorinated soda. Ammoniated solution of hydrogen peroxide is often effective in these cases. A useful application consists of the following:—

Ammonium carbonate 45 gr., sodium chloride 75 gr., distilled water 3 oz. The stains are moistened with the solution, the material thoroughly washed with water and allowed to dry in the sun.

Destroying Bugs. — *J. J. H.* — The usual and most effective method of destroying bugs in rooms is by fumigation. Undoubtedly the most certain, although not usually practicable method, is with hydrocyanic acid, the method used by local authorities in Britain. The method is attended with too much risk for private individuals to carry out. The alternative is fumigation with sulphur, 3 lb. of sulphur mixed with 8 oz. of potassium nitrate being sufficient for 1,000 cu. ft. of space. Complete destruction of bugs has also been secured by formaldehyde fumigation, using 40 oz. of solution of formaldehyde poured on to 2 lb. of a mixture of one part quicklime and one part chlorinated lime.

Surgical Liquid Soap. — *J. M.* — Surgical liquid soap may be prepared to the following formula:—

Cottonseed oil	200 gm.
Coconut oil	100 gm.
Alcohol (95 per cent.)	200 c.c.
Water	450 c.c.
Sodium hydroxide	45 gm.
Potassium carbonate	10 gm.
Ether	15 c.c.
Liquefied phenol	25 c.c.

Add a mixture of 100 c.c. of water and 200 c.c. of alcohol to the mixed oils and mix thoroughly. Dissolve the sodium hydroxide and the potassium carbonate in 325 c.c. of water; add this solution to the oil mixture, and warm until completely saponified. After it has cooled, add the ether and phenol.

TRADE MARKS

(From the "Trade Marks Journal,"
November 2).

For shampoos and hair-waving preparations (3).—"CREKTA"; by Dreston Laboratories, London, N.8; 667,411.

For non-medicated toilet preparations (3).—"RIMMEL'S NIGHT AND DAY" in distinctive lettering; by Rimmel (Holdings), Ltd., London, W.3; 675,153.

For all goods (3).—"BILLY-O"; by Harry Green, Ltd., Barking; 677,836. "TEXYMASE"; by Edward Fison, Ltd., Ipswich; 679,859.

For hair tonic (3).—"ECLIPSOL PRESCRIPTION 483" in descriptive lettering; by C. A. Stokes & Co., Ltd., Bristol; 678,003.

For detergents (3).—"COMPROX"; by Anglo-Iranian Oil Co., Ltd., London, E.C.2; 679,461.

For detergents and soaps (3).—"WYRAX"; by Lever Brothers, Port Sunlight, Ltd., Cheshire; 680,132.

For tonic medicines (5).—"VIRULES"; by British Glandular Products, Ltd., London, S.W.1; 657,340.

For hen medicines (5).—"PREVENCURE"; by James Maginnis, Tandragee; 659,928.

For pharmaceutical preparations (5).—"CODOFORME"; by Henri Bottu, Paris; B660,594. "TESTONECT"; by Maatschappij Voor Biotechniek N.V., Apeldoorn; 663,506. "MAGISPRAY"; by Citrus Products Co., Ltd., Wembley; 666,009. "MINEVITAM"; by U.S. Vitamin Corporation, New York; 672,749. "BEJECTAL"; by Abbott Laboratories, North Chicago; 674,685. "SULPHA-CIP"; by Westminster Laboratories, Ltd., London, N.W.1; 676,287. "BROMSULPHALEIN"; by Hynson, Westcott & Dunning, Inc., Baltimore; 676,530. "PEDAFORM"; by The Crookes Laboratories, Ltd., London, N.W.10; 677,682. "STOMFORT"; by Charles Herbert Kingston, London, E.C.4; 678,956. "OCTACOL"; by Ward, Blenkinsop & Co., Ltd., London, W.1; 678,970. "HEPMIN"; by Bayer Products, Ltd., London, W.C.2; 679,627. "DESCARO"; by Marshall & Dearden, Ltd., London, W.1; 679,998. "CODIS"; by Reckitt & Colman, Ltd., Hull; 680,109.

For medicated salve for foot ailments (5).—"PRIDE OF LONDON PASTE" on circular label device including bridge; by Max Carl, London, E.2; B665,722.

For liniments and embrocations (5).—"GLOWTH"; by Potter & Clarke, Ltd., London, E.1; 677,359.

For insecticides, disinfectants, etc., containing DDT (5).—"DEODDITE" "SANIDDITE" in distinctive lettering Insecticide Activated Products, Ltd., London, E.C.3; 677,757-58.

For veterinary preparations (5).—"FLOCK" and device of winged horse Walter Gregory & Co., Ltd., Wellingborough; 678,901.

For adhesive tapes for surgical purposes (5).—Device of boy's head; by Minnesota Co., St. Paul, U.S.A.; 679,495.

For all goods (5).—"METHEDREX" The Wellcome Foundation, Ltd., London, N.W.1; 679,564.

For scientific instruments (9).—"PAPHONE"; by John Furber, New London; 673,620.

For surgical, medical and veterinary instruments and apparatus (10).—"TRACTOR"; by A. M. Eickford & Sons, Adelaide; 679,839.

FIFTY YEARS AGO Pharmaceutical Unrest

(From the *C. & D.*, November 18, 1936)
FROM St. Petersburg in the East to Louis in the West, pharmacy is in a state of ferment, and never in the history of the art has discontent been so openly and simultaneously expressed as it is now. It is surely not without significance, and may get some practical lessons from consideration of what is happening elsewhere. Beginning at St. Petersburg, as the explosion of Russian pharmacy, we find chemists' assistants there, after a period of agitation in regard to their conditions of employment, have succeeded in getting some amelioration, for in a few pharmacies the number of assistants has been increased so as to provide greater leisure for all. . . . This, in bureaucratic Russia, is a great advance. In Sweden . . . there is agitation . . . for greater freedom of trade so that qualified pharmacists may be able to start in business at an earlier age. The condition of pharmacy in Austria at present exceedingly acute owing to agitation of assistants for better pay, shorter hours and more liberty. The fact that the agitation is tinged with Socialism does not make it less serious. . . . In Germany nearly similar condition of things prevails. . . . Italy wants pharmaceutical reform and Spanish pharmacists urgently demand amelioration of their conditions.

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Loscalzo, A. E. : J. Amer. med. Ass., 1947, 135, 496.

Lennox, W. G. : Amer. J. Psychiat., 1946, 103, 159.

Harris, T., and Otto, J. : Texas Sta. J. Med., 1947, 43, 328.

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Phenoxetol is very effective in *pyocyanea* infections of burns or superficial wounds. It is especially useful for skin grafting, in dermatitis associated with *Ps. pyocyanea*, and for the sterilization of tuberculosis cavities infected with *Ps. pyocyanea*.

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Lanette wax SX	—	—	3.5 g.
Liquid Paraffin	—	—	15 ml.
Penicillin Solution	—	—	5 ml.
Phenoxetol	—	—	2 ml.
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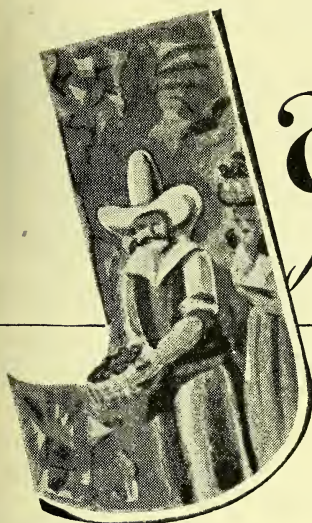
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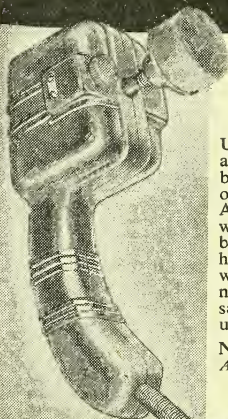
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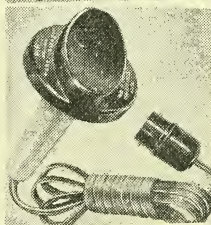
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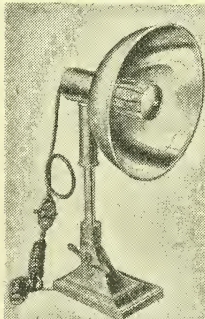
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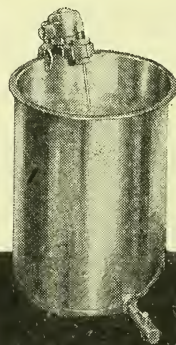
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EVERY CONSISTENCY**

MITCHELL

**RAPID MIXING
STIRRING UNIT**



For mixing liquids of every consistency, you need a mixer that is adaptable and versatile. We can fulfil both these requirements, and from our wide range, there is sure to be one for your particular job. Why not consult us?

The illustration shows a portable mixing unit, clamped to the side of a tank in a chemical works.

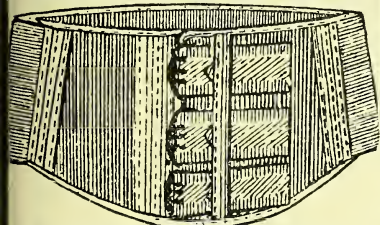
L. A. MITCHELL LIMITED

37 PETER STREET, MANCHESTER

"Clifton"

Brand

SURGICAL APPLIANCES and SUNDRIES
ABDOMINAL BELTS and CORSETS
SUSPENSORY BANDAGES
JOCK STRAPS ELASTIC HOSIERY
TRUSSES CHEMISTS SUNDRIES



Appliances N.H.S. All types

Special terms to wholesalers

Write for price list

CHARLES WILLIAMS & Co.

(Propr.: A. G. Price)

ONEY STREET

BEESTON

NOTTS

IMPORTANT NOTICE TO CHEMISTS



HERBERT FROMM LTD.
are pleased to announce
that limited supplies of

MORFI

are now available
on the Home Market

Trade enquiries to :

HERBERT FROMM LTD.

**LASGOW TERRACE, GROSVENOR ROAD,
LONDON, S.W.1**

VIC. 6258



Baby

SELLS THE GOODS

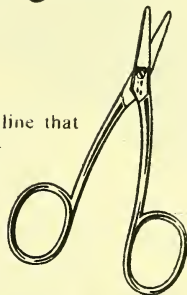
Here's a new and novel line that
every mother will want —

**Champion's KUMFI-KUT
BABY'S
NAIL SCISSORS**

National advertising,
shortly to commence, will
bring an instantaneous
demand. Be ready to meet it,
and in pleasing your
customers, profit yourself.

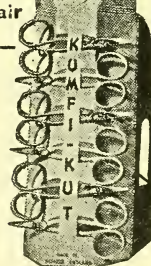
**OBTAINABLE DIRECT
FROM MANUFACTURERS**

Retail selling price 6/10d. per pair



**CHAMPION'S
KUMFI-KUT
BABY'S NAIL SCISSORS**

*A Gift for
the New
Baby*



This attractive Show Stand
is supplied free with every
half-dozen pairs.

CHAMPION'S

KUMFI-KUT

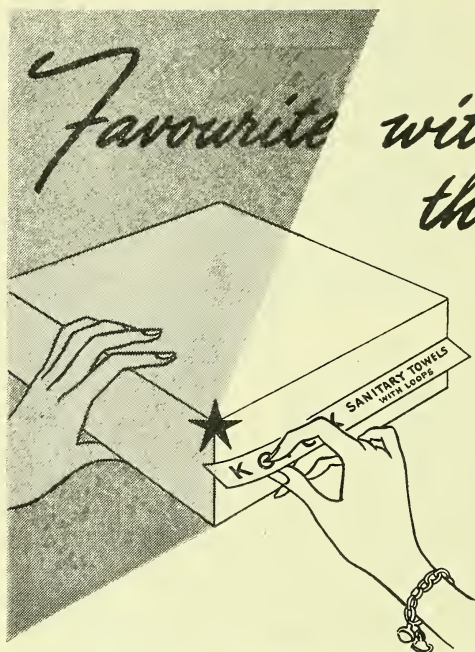
Baby's nail scissors

Made by:—

Champion (Scissors) Ltd.,
35, Kumfi-Kut Works,
Hoyle Street, Sheffield, 3.

London Office :—

Finsbury Court,
Finsbury Pavement,
London, E.C.2.



*Favourite with women
the world over*

★ Simply remove the perforated s
and the plain box is ready for sale.

KOTEX

SANITARY TOWEL
WITH LOOPS

1/10d. per Box (C.P.R.C Approved)

CELLUCOTTON PRODUCTS LTD., 35/34 AYLMEYER PARADE, LONDON, N

THE HOUSE OF HAYWOOD

ESTABLISHED 1830

MANUFACTURERS & DISTRIBUTORS

Everything Surgical
ELASTIC HOSIERY
BELTS AND TRUSSES
CHEMISTS' SUNDRIES
COTTON DRESSINGS
PROPRIETARY MEDICINES

VAN DELIVERY SERVICE
WHOLESALE ONLY

Enquiries invited:—

Regd. Office and Works

11, 13 & 23, WARSER GATE
NOTTINGHAM

Phone:
40488 & 45164

Grams:
APPLIANCE NOTTM.

KNOW YOUR COST

Why be worried with staff and overheads when you
send your products to us for packing.

Output can be increased or decreased to suit pre
markets, therefore, you are not committed to hold
stocks or staff and your overheads are cut to a minimum.

Let us quote you

T. J. FAVELL & CO. LTD.

192 Seven Sisters Road, London,
ARCHWAY 1846

INDIA

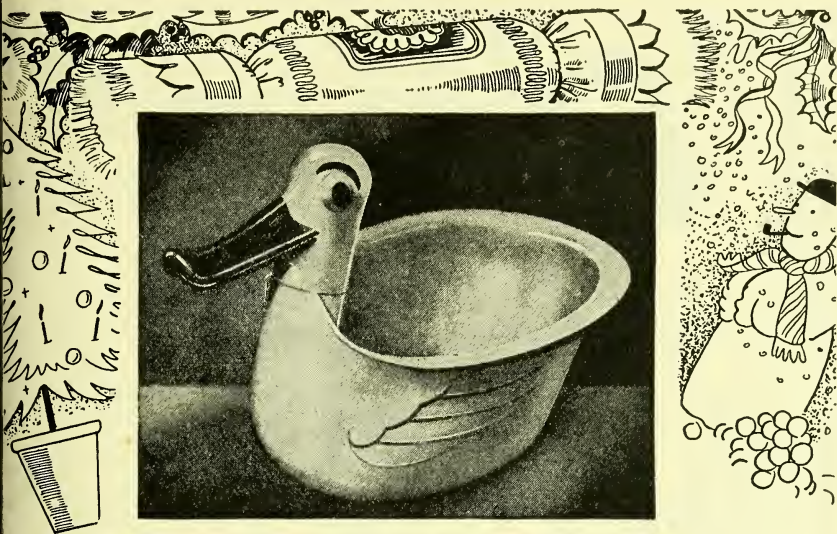
Introduce new line
arrange on royal
manufacture, etc.

agents, intensify distribution, maintain
DIRECT touch thru country's (a
Pakistan and Ceylon) best journal
retailers, wholesalers, importers
CHEMIST AND DRUGSTORE NEW

Copy, details free

31 Hamam St., Bombay, 1

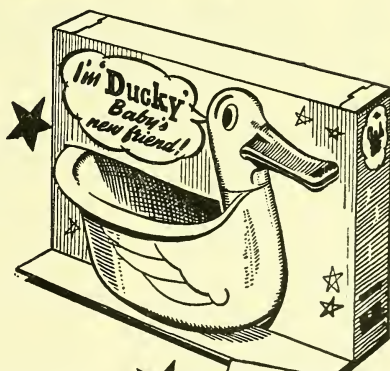
London Office: D. S. Cooper, 2-3 Norfolk S
Strand, London, W.C.2. Temple Bar 46



Portrait of "DUCKY"

*Your most profitable idea for
the CHRISTMAS GIFT trade*

Put yourself right in your customer's place. You've trudged from shop to shop seeking the ideal Christmas gift for a baby. Then you see the "DUCKY". Isn't it just the thing? So delightful, so amusing and so practical—because it overcomes childish reticence at "potty" time. It's certainly worth devoting prominent window and counter space to "DUCKY" from now on.



ducky
MAKES CHILDISH DUTIES FUN!

DISPLAY MATERIAL. Each "DUCKY" is packed in 2-colour SELF-DISPLAY Carton. Supplies of punched 3-colour "platform" Displays and GIFT COUNTER CARDS as illustrated, available on request.

"Ducky" is made from smooth "Akenite" plastic in attractive new Nursery shades of Blue, Pink, etc.

ducky
makes the
Ideal Gift
For your
friend's baby!

enquiries: Roy Aitken & Partners, 48 Dundas St. Glasgow, C.1
No: Douglas 6581 (10 lines). Telegrams & Cables: Royaitco, Glasgow



*The name
that means
everything to
a Woman*

VELENA

Soluble Sanitary Towels

In packets of Six 10½d. and
packets of Twelve 1/9d.
Velena, Alperton Mills,
Alperton, Middx.

One of the new VELENA advertisements now appearing in the daily press and selected women's magazines . . . an estimated total readership of over 12 million women. This, and the high quality of VELENA, is your assurance of steady and increasing demand.

Trade enquiries to **VELENA**

Alperton Mills, Woodside End, Mount Pleasant
Alperton, Middlesex.

JOHN KNOX : JOHN KNOX : JOHN KNOX

A Selection from the

Jaynox

Range of Chemists' Sundries

Jaynox Enemas

Complete with fittings
Velvet finish 49/- doz

Jaynox Whirling Sprays

1st Quality 92/- doz
2nd " 84/- doz

Jaynox Watch Spring Pessaries
all sizes—each in carton 33/- doz

JOHN KNOX (STOKE-ON-TRENT) LTD

Jaynox Works,
King Street,
Fenton,
Stoke-on-Trent.

PATA

John Knox
(Midland) Ltd
26/38, Dean St
Birmingham,

JOHN KNOX : JOHN KNOX : JOHN KNOX

SURE-SELLING STOCK

OVER 150 YEARS REPUTATION

KEARSLEY

THE ORIGINAL

WIDOW WELCH'S PILLS

9d. BOX PROFIT by ordering 1
3/3½ size. Bonus given on
dozen (13). It pays to push this
C. & G. KEARSLEY
71 Dartmouth Rd., London
Est. 1787

URICURE TABLETS

"SPECIAL" BACK & KIDNEY PILLS

"MAHOIDS" OCCASIONAL PILLS

ASPIRIN TABLETS From 1/6 and 1/3
Regd.

THE ACTON PILL & TABLET Co. Ltd.
ASH VALE, ALDERSHOT
(and all Sundries Houses)

It's **FERBER'S** for **CAPSULES**

ars of
ALCIVITA'
les for the treatment
olds, chilblains and
latory deficiency.

AMAXA'
les—a multi vitamin
le correcting dietary
encies and enabling
perly balanced vita-
ntake.

**TATION AND FULL
ILS ON REQUEST**

Apiol
Apiol & Ergotine
Blauds
Carbon Tetra-
chloride
Cascara
Castor Oil
Cinnamon & Quinine
Cod Liver Oil
Copaiba
Creosote
Ergot
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Glandular Hormone
Guaiacol
Halibut Liver Oil
Haemoglobin
Hormone
Ichthyol
Malefern
Multi Vitamin
Olive Oil
Quinine
Santal Oil
Vitamins A, B₁, B₂, B₆
C. D. E. K.

*In
bulk or
packed*

BERT FERBER LTD. CARLTON WORKS ASYLUM ROAD S'E 15 Phone: **NEW GROSS 0231/2**

ANOTHER WINNER BY GNOME
The "Alpha" $3\frac{1}{2} \times 2\frac{1}{2}$ " Enlarger complete, including Lens £8.12.6, plus Purchase Tax.

Retail Prices

The "Alpha" Enlarger with diffuser and lens.
Price £8.12s. 6d.
P. Tax £3.14.9,
total £12.7.3.
The "Beta" Enlarger, fitted with double optical condensers and lens.
Price £11.6.7.
P. Tax £4.18.2,
total £16.4.9.

ask your dealer to demonstrate this enlarger or write direct to manufacturers.



GNOME PHOTOGRAPHIC PRODUCTS LTD
1, CAERPHILLY ROAD, CARDIFF.

ACCURACY

IS ESSENTIAL
IS ENSURED

WITH

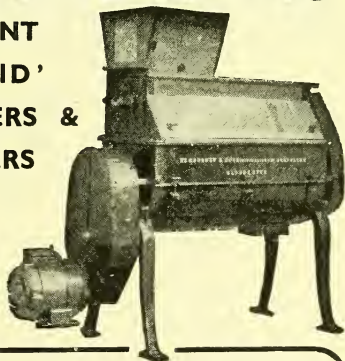
GARDNER'S

PATENT

'RAPID'

SIFTERS &

MIXERS



WM. GARDNER & SONS (GLOS.) LTD.
BRISTOL ROAD GLOUCESTER

Phone: Gloucester 21261 Grams: Gardner, Gloucester
LONDON: 19 Gray's Inn Chambers, 20 High Holborn,
London, W.C.1. Phone: CHAncery 7347

efficiency in emergency

The germicidal efficiency of 'Dettol' remains high even in the presence of blood, pus and wound debris.

This property, coupled with its wide margin of safety, makes 'Dettol' invaluable for use in emergencies, not only by you, but in the less qualified hands of others who in emergency might have to render first aid.

'DETTOL'

THE MODERN ANTISEPTIC

'Dettol' is available in 2 gallon and 5 gallon tins free of purchase tax *for dispensing purposes only*. Smaller sizes, including 1 gallon tins for public use, are subject to purchase tax.

BECKITT & COLMAN LTD., HULL AND LONDON
(PHARMACEUTICAL DEPT., HULL)

AN ALL COTTON WOOL PRODUCT OF REP

Consolux

Patent No. 4107
(Registered)

SUPERFINE QUALITY
ALL WOOL SANITARY TOW

LOOPED ENDS
NON-ABSORBENT BACK
WHOLESALE ONLY

ROBERT BAILEY & SON, LTD.
SURGICAL DRESSING MANUFACTURERS
DYSART STREET, GREAT MOOR, STOCKPORT
Phone: GREAT MOOR 304. Grams: "UNDISPUTED," STOCKPORT

PHERRIBAN TONIC TABLETS

now packed in

2/- sizes 4/3

PA



MACLENNAN BRAND PRODUCTS
105 RITHERDON ROAD - LONDON - S.W.
Phone BALHAM 2447

"CELLOPHANE" BAGS

A FEW STOCK SIZES. ALL PER
12 x 24 .. 12/6 3 1/2 x 6 1/2 .. 30/- 4 1/2 x 8 ..
24 x 24 .. 16/- 3 1/2 x 8 .. 35/- 5 x 5 ..
24 x 4 .. 18/- 4 x 4 .. 23/6 5 1/2 x 6 1/2 ..
3 x 4 .. 22/6 4 x 6 .. 30/- 5 x 9 ..
3 x 5 .. 24/- 4 x 7 .. 35/- 5 1/2 x 10 ..
"CELLOPHANE" SHEETS FOR WRAP
20 x 30, 50/- 500. Rolls, 5 yds. x 20", 18/- doz
in Colours—Red, Green, Blue, Yellow, Pink, Violet
Tango, 30 x 20, 60/- 500. Rolls, 20" x 50 yds.
White Tissue, 26 x 16, 10/6; ream 3 for
Colours, 30 x 20, 16/- ream 3 for 45/-.

Large stocks Crepe, Wrapping, Card, etc.
ASK FOR LISTS AND SAMPLES

ALLAN'S 37, FARRINGTON STREET, LONDON
PHONE: CENTRAL 3947. GRAMS: SUNFLECTA, CENTRAL
(UNDER HOLBORN VIADUCT) Business Hours: 9 a.m. to 6 p.m. Closed Sat.

*A Great
NEW
long lasting
De-Mister*



IN
TWO SIZES
ONE GALLON
37/6d.
ONE QUART
12/6d.

**Safeguard your CHRISTMAS WINDOW
DISPLAYS and AVOID " MISSED "
SALES WITH—**

Mistovoid

PREVENTS MIST — LONG LASTING

AT last, a de-misting preparation which is the complete answer to condensation problems on shop windows, showcases, etc. MISTOVOID will prevent condensation and remains effective from 1 to 3 weeks. It is a non-abrasive, non-inflammable preparation with cleaning as well as de-misting properties. It is easily applied and is exceptionally economical for treating large surfaces.

**LET YOUR CUSTOMERS SEE YOUR
PRODUCTS—KEEP YOUR WINDOWS
CLEAR WITH MISTOVOID**

*For a normal Double-Fronted shop
a gallon lasts a season.*

INDUSTRIAL FLUIDS LIMITED

1a, Halliwick Court, Lyndhurst Avenue, Woodhouse Road, London, N. 12

Tel: ENTerprise 1147

*It's a family
affair!*

Established 1898

LIPTOL TOILET ROLLS are made of the purest Toilet
Tissue, and each sheet is medicated with Pine germicide

5 Star SELLING POINTS!

- ★ ATTRACTIVELY Banded in 3 COLOURS ON GLAZED PAPER
- ★ SUPER QUALITY TOILET TISSUE
- ★ POPULAR PRICE TO WHOLESALERS

6 oz. Roll (480 sheets) @ 63/- per gross, plus 23/- P.T.

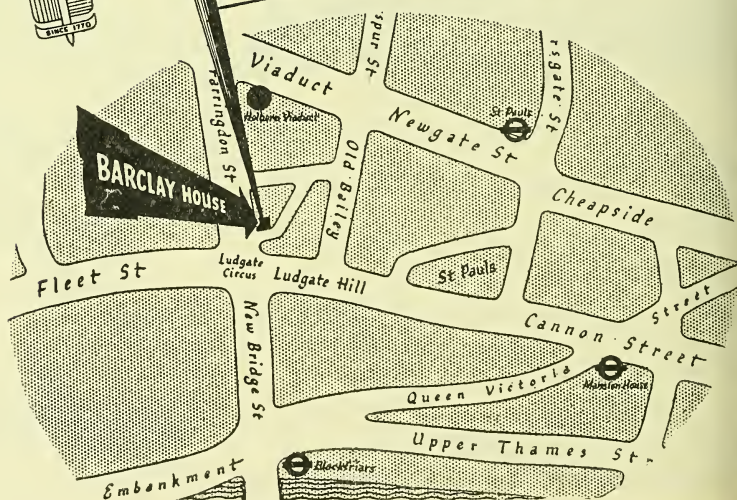
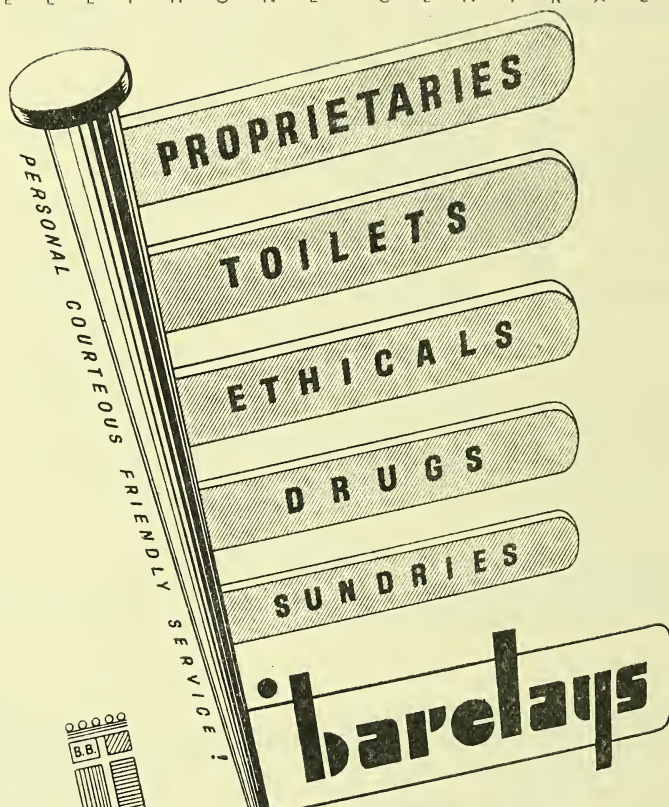
7 oz. Roll (560 sheets) @ 69/- per gross, plus 25/4 P.T.

8 oz. Roll (640 sheets) @ 75/- per gross, plus 28/- P.T.

- ★ MEDICATED WITH PINE ESSENCE
- ★ WIDELY NATIONALLY ADVERTISED

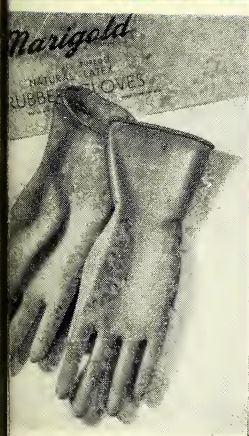
Sole Manufacturers: **LIPTONS PAPER MILLS LTD.**
UNITY WORKS, HEDDON STREET, LONDON, W.1





BARCLAY HOUSE 95 FARRINGDON ST. E.C.

Marigold ^{regd.} PRODUCTS



FEEDING BOTTLE TEATS AND VALVES (and Soothers, too!)

'Golden clear' natural Latex construction, scientifically designed for baby's comfort—hygienic and safe. Easily sterilised. Guaranteed store life—always soft and resilient. There is an all-the-year-round ready sale for these lines. Show them—they'll sell!

All products packed in dustproof cellophane wrapping. Attractive showcards and display material also available.

New!
MARIGOLD
all-purpose
RUBBER GLOVES
E-LINED — to slip on or
EXTERIOR for non-slip grip
d protection for home, gar-
age
s line — it's a sure seller

Home and Export Enquiries to:—

J. ALLEN RUBBER CO. LTD. • CHELTENHAM

Moulded Hot Water Bottles

Fabrie Hand-Made Hot Water Bottles

Hospital Sheetings, Etc.

Bathing Caps, Beach

Mandelle
MADE IN GREAT BRITAIN

J. MANDLEBERG & CO. LTD.
Seaforth Road, Salford, 6, Lancs.

WHOLESALE ONLY

RETAILERS ALL OVER THE COUNTRY
ACCLAIM THE SENSATIONAL SUCCESS
OF FASHION'S

lighter-brighter
NEW LIP COLOURS

by **MAX FACTOR**

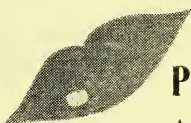
CORAL GLOW

Warm, vivacious, lit
with gold



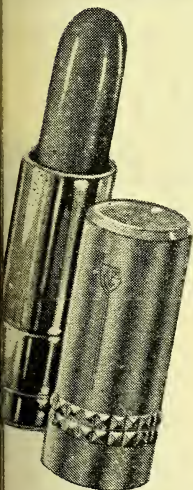
PINK VELVET

A smooth, provocative
invitation on your lips



PINK SECRET

Delicate with a hint
of feminine mystery



- Also in Clear Reds, Blue Reds, Rose Reds, for Colour Harmony and Fashion Harmony
- **IN A SMART, DISTINCTIVE NEW-SIZE CASE.**
- **RETAILING AT 4/11**
(Including P. Tax)

*T*hese beautiful new Fashion Pinks also available in the Standard size case retailing at 7/4. (Inc. P. Tax.)

Max Factor
HOLLYWOOD

We are TOTALITARAINS

ABOUT CORKS

LET'S admit it. So far as corks are concerned, we're out-and-out dictators. Regimentation, standardization—these are our watchwords. We plead guilty to our reputation for reducing corks to a state of unbelievable uniformity.



"Want to be
different, eh?"

We do it by sheer ruthlessness. Corks hate us! Boiled alive, pressed flat, shut in the dreaded "hot-box," they are then sliced and punched, tapered, sanded, notched, bleached and branded—no atrocity is spared to stamp out individuality.

Not a cork can escape; many are completely eliminated. Sometimes only 5 per cent. of a whole batch survive to become corks of our Grade A quality. If a cork is even 1/63rd of an inch too small, it is pitilessly rejected and ground into by-products.

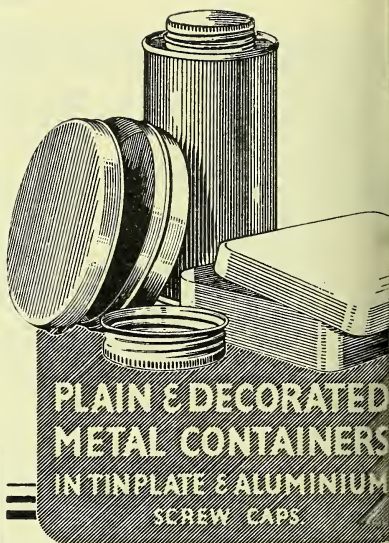
IF YOU, too, feel totalitarian about corks, and want them, in each grade, as uniform in size and quality as skill and experience can make them—please get in touch with us by letter or telephone. Armstrong Cork Company, Ltd. (Closure Division), Kingsbury, London, N.W.9. Telephone: Colindale 7080. Scottish Branch: 5 Oswald Street, Glasgow, C.1. Telephone: Central 5703.

FREE ON REQUEST. The handy Armstrong String of Standard Cork Sizes shows at once what size you want—whether for dispensing or for ordering supplies. May we send you one?



ARMSTRONG'S CORKS

CORKS · CROWN CORKS · MOULDED CAPS



AVON TIN

PRINTERS LTD

IMPERIAL WORKS, ST. GEORGE, BRISTOL
GRAMS TINPAX BRISTOL PHONE BRISTOL 5

TAX PAID STOCK

MILTON ANTISEPTIC

4oz. BOTTLES

GOVERNMENT SURPLUS

WHOLESALE ENQUIRIES
ONLY

WRITE FOR FREE
SAMPLE AND DETAILS

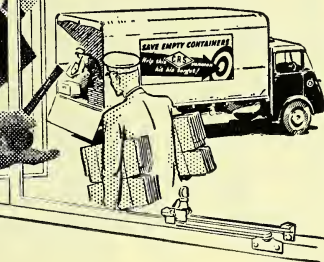
Send for our post paid free C & D Price List :

L. FRANKENBERG LTD

37 HOUNDSDITCH, E.C.3



Yes!
He's still on the job.



Maybe, now that deliveries are easier, you wonder why C.R.S. is still collecting empty containers.

Deliveries are easier because of your support, and it is in your interests to see that C.R.S. keeps going.

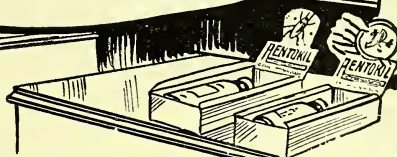
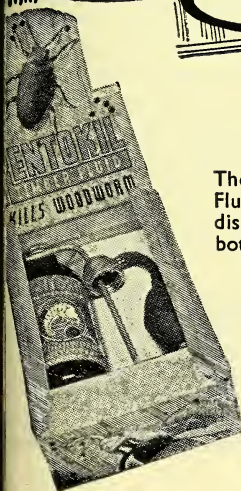
It's your service for your benefit!

Container Recovery Service

S.P.D. Limited, 3-5 Salisbury Square, London, E.C.4

CRS 59-683-75

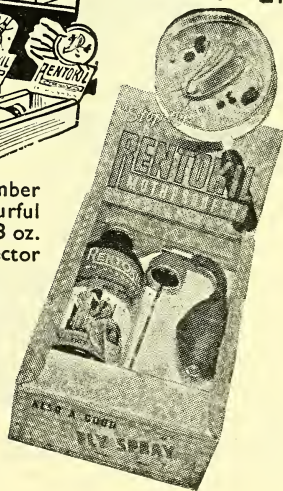
**Designed for
Display and SALE**



The new packs for Rentokil Timber Fluid and Mothproofer make colourful displays. Each carton contains an 8 oz. bottle of fluid together with an Injector for the Timber Fluid or Spray for the Mothproofer. The Injector and Spray, which are already proving immensely popular with the public, will fit all refill 8 oz. bottles.

Send now for trade terms to
RENTOKIL LTD.
Dept. C.D. School Lane
Fetcham, Surrey

Tel: Leatherhead 4021/2



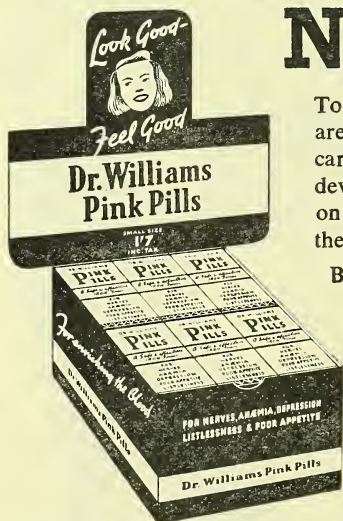
Gold Cup JAFFAJUCE

*The Quintessence of Quality in
Real Fruit Drinks.*

Made from ripe, sun-kissed fruit and pure cane sugar.
Jaffajuce Orange, Jaffajuce Orange and Pineapple,
Breakfast Jaffajuce (for a "Short" drink), Jaffajuce Lemon,
Jaffajuce Grapefruit, Gold Cup Lime Juice.

JAFFAJUCE LTD., LONDON W.1 & GLASGOW ORDER THROUGH YOUR USUAL WHOLESALE CHEMISTS

SELL ON SIGHT with this NEW DISPLAY



To most of your customers, Dr. Williams Pink Pills are a familiar and well-tried tonic. Over fifty years of careful manufacture and world-wide advertising have developed universal recognition. Our new Display Pack on your counter provides the necessary reminder to the public at the point of sale.

By linking up in this way, you get the biggest benefit from our powerful continuous press advertising.

SHOW MORE : SELL MORE

Dr. Williams Pink Pills



G. T. FULFORD CO., LTD. (of Canada), 8 Royston Park Road, Hatch End, Midd

FOR EVERY MONTH OF THE YEAR

"ZEMS" HERBAL LICORICE TABLETS



THE BEST MEDICATED TABLETS FOR
COUGHS, COLDS, ASTHMA, BRONCHITIS, ETC.

Supplies may be obtained



from C.F. Wholesale Houses

ZEMS LTD

718-724 Seven Sisters Road, London, N.15

Telephone: STAMFORD HILL 6658-9

DISPLAYS



**bring ALL
your
'ASPRO' PUBLIC IN!**

It is only by continuous display that you will discover just how large 'ASPRO' demand is to-day. For the 'ASPRO' public grows ever greater. 'ASPRO' is proof against any "ups and downs" in the market—changes in purchasing power, fashions or habits. The success of 'ASPRO' is reaching unique proportions simply because it is a good product which more than fulfils its claims, and which is well, widely and persistently advertised.

'ASPRO' BAGS— PRICES REDUCED

We are passing on to you the full benefit of the lower production costs of paper bags:—

GREASEPROOF (formerly 9/- per 1,000)
NOW 6/- per 1,000

2-OZ. WHITE (formerly 6/6 per 1,000)
NOW 5/- per 1,000

We suggest you take advantage of this opportunity by ordering now.

AN ELECTRIC CLOCK AT COST PRICE—£3

We are now able to supply you with a precision-made Smith's "Sectric" clock for use in your shop or window—size $13\frac{1}{2}$ " x $10\frac{1}{2}$ ". It is a quality job, elegant and modern in appearance and an excellent timekeeper. We urge you to take advantage of the opportunity while supplies are available at this exceptionally low price.

NOTE:—THESE CLOCKS ARE NOT SUITABLE FOR USE ON D.C. MAINS, BUT IN SUCH CASES WE CAN SUPPLY AN 8-DAY SMITH'S LEVER-MOVEMENT CLOCK AT £3. 15. 0.

**EVERY YEAR 'ASPRO' DISPLAYS
MAKE BIGGER SALES**

PATA

Made in England by
ASPRO LIMITED,
Slough, Bucks

ASPRO

Are you behind with your XMAS PROGRAMME

You may be wondering how to manufacture, pack and despatch all the goods your customers are expecting for their Christmas requirements.

We have all the facilities to help overcome your difficulties.

Write to-day

H. O. LLOYD (Cheltenham) Ltd.
1, 10 and 11, SUFFOLK PARADE,
CHELTENHAM, GLOS.

Telephone - - - 4

GET BACK YOUR EMPTY BOTTLES

(MINISTRY OF HEALTH)

WE HAVE LABEL SUPPLIES
IN STOCK

AUTHORISED WORDING

ORDER NOW

TOWNSEND

THE LABEL PRINTERS

EXETER

When your customers ask about Amm-i-dent

More and more customers are asking what makes Amm-i-dent so different from all other dentifrices.

Tell them in simple language that it is the first dentifrice to do more than just clean the teeth. It actually destroys the microbes of decay.

As you know, its unique formula combines 5% dibasic ammonium phosphate and 22.5% carbamide, which achieves this result by releasing the ammonium ion in the mouth and so simultaneously raising the pH of the saliva, helping to dissolve dental plaques and greatly inhibiting the growth of lactobacillus acidophilus.

No other dentifrice on the market contains this formula

DISTRIBUTORS :

Fassett and Johnson, Ltd., 86 Clerkenwell Road, London, E.C.1

Amm-i-dent

The Ammonium Ion Tooth Powder

MADE AND GUARANTEED BY THE

VERNET DENTAL MANUFACTURING CO.

(Branch of Stafford Miller, Ltd.)

MILL GREEN, HATFIELD, HERTS.

Tel. No. : HATfield 3221



Aspirin Therapy brought to Perfection

Following many doctors' request

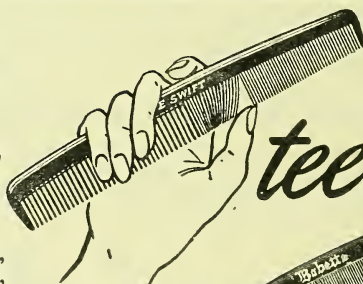
MAGSILATE**HALF STRENGTH FOR CHILDREN**

is now available

As the administration of Analgesic to young children, however, should be under the control of the Medical Practitioner, **MAGSILATE HALF STRENGTH** is supplied in Dispensing Packs of 120 tablets 8/3 net, 480 tablets 32/ (Free of P.T.)

PALATABLE—NO WATER REQUIRED**FULL STRENGTH: 4d. and 1/10d. (including P.Tax)**

Dispensing Packs: 120 tablets 8/9d. net and 480 tablets 34/- net (free of P.Tax)

A product of **WESTMINSTER LABORATORIES LTD.**, Chalcot Road, London, N.W.1*Strong
flexible**teeth*

This is the comb with the roundest, strongest, most flexible teeth of all, sawcut from genuine Vulcanite. Appeals instantly to the discriminating and the value-conscious comb-buyer, livelier, stronger, smoother.

Combs illustrated are Gent's Dressing 1297/7 and Bobette 2287/5.

Many other popular lines are available. Send for illustrated list. Order through your wholesaler.

NORTH BRITISH

Vulcanite  *Combs*
BETTER FOR THE HAIR

THE NORTH BRITISH RUBBER CO. LTD., EDINBURGH, LONDON AND BRISTOL

hat you
can do!



distribution of welfare foods is driving home to *your*
ers, and to the rising generation, the food value of Cod
Oil, and the old prejudice is dying rapidly. Thus a new
er-widening market is building up. Therefore, SevenSeaS
sing, in press, poster and cinema is being increased to
ou. The opportunity is there — to-day ! A really striking
at "the point of sale" will turn interest into cash.
to-day for special window display material.

SEVENSEAS

PURE COD LIVER OIL

British Cod Liver Oils (Hull & Grimsby) Ltd., St. Andrew's Dock, Hull

It's an **EDME** *product*

BEVAREX

A nourishing and sustaining

MALT FOOD BEVERAGE

of OUTSTANDING merit

Retails at 1/8 per 6 oz. tin

Wholesale 13/6 doz.

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further
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EDME LTD., IMPERIAL HOUSE, REGENT STREET,

Telephone: REgent 5563-4

Grams: "EDME," Piccy, London

Works: MISTLEY, E



**NOW IS THE TIME TO
STOCK THIS SPLENDID
FAMILY LAXATIVE**

Wide advertising in the National Press together with its deservedly high reputation for gentle natural action, makes HERBALENE a line you can stock with confidence.

STOCKING BONUS OFFER

ALL ORDERS RECEIVED DURING
OCTOBER SUPPLIED 13 to the DOZEN

RETAIL PRICES: 9d., 1/6, 2/6 and 3/8
Including Purchase Tax

TRADE PRICES: 5/-, 10/-, 16/- and 24/-
per doz. Plus Purchase Tax

Please enquire for details of how to obtain free a
RUBBER DOOR MAT advertising HERBALENE

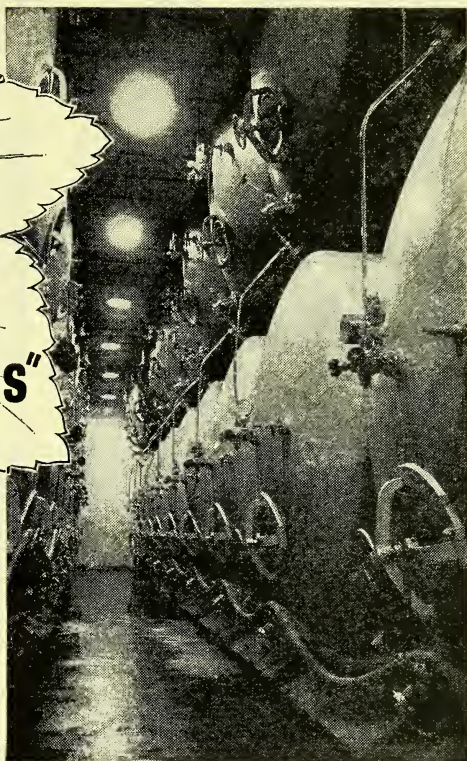
Obtainable from Wholesalers or direct
from address below. Attractive show
cards available on request.

LUSTY'S NATURAL PRODUCTS CO

(CD) 278 LONDON ROAD, WESTCLIFF-ON-SEA

ENSURING SUPPLIES FOR "SPECIAL CASES"

is part of the largest
callation in this country
storage tanks under re-
eration—at the new
ter Royal Forest Factory
Coleford, Glos. It repre-
ts your assurance that
re will always be enough



ena to meet the needs of all the "Special cases" among your
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a **natural** vitamin C supplies regularly. Each tank holds 4,500
ons of juice made from fresh fruit—special pressure gauges, con-
ually checked, guard the contents against harmful fermentation

Ribena BLACKCURRANT SYRUP

does everybody good

including the Chemists who sell it.

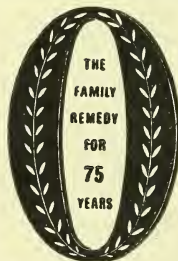


CARTER & CO. LTD., THE ROYAL FOREST FACTORY, COLEFORD, GLOUCESTER

Back again...the
FAMILY SIZE
bottle

RETAIL
3/11
INC. PUR. TAX

Write for new
price list
and terms



**Vigorously
Advertised**

OWBRIDGE'S

—best seller
in the country

W. T. OWBRIDGE LTD. • HULL

Mai Daye

COMPLEXION SOAP

3 oz.
8d



MADE BY

Comtesse Laboratoire

CHATHAM PLACE, LONDON

TELEPHONE

AMH

**Esbron
LUNG TONIC
& TROCHES**

For Coughs, Colds, Chest and Throat Ailments and also for Asthma and Bronchitis.

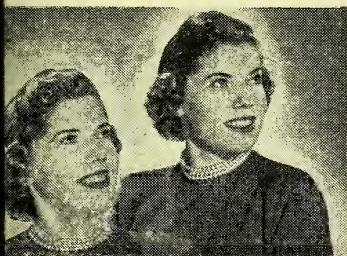
Take advantage of our November bonus of one dozen Troches with all orders of 3 doz. tonics.

It is advisable to get stocks in now prepared for the demand following advertisements in the daily papers.

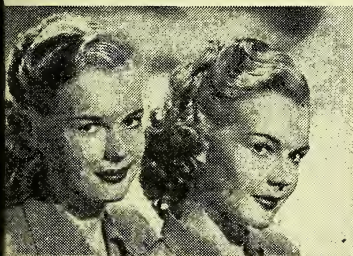
9/- per doz. Retail 1/4½ ea
3 doz. lots 8/9 per doz.

**BROOK, PARKER & Co.,
ASHFIELD, BRADFORD**

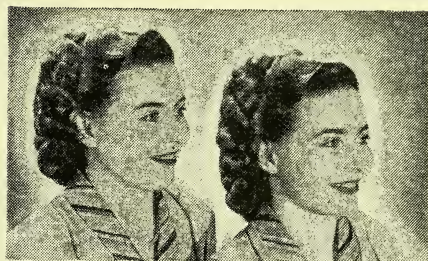
Working for you this Christmas!



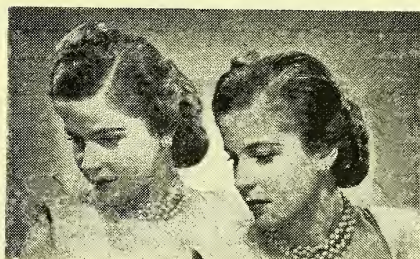
1. DIANE & PAMELA CAMPBELL



3. ELLA & LILA WIGREN



2. ADA & BETTY FAIRCLOUGH



4. KATHLENE & HELENE CRESCENTE

**Stocking-up time for the
Christmas selling peak!**

Advertising is going all-out with a pre-Christmas campaign in news- and magazines throughout the country. Not one, not two, but four — yes, four different sets of Toni twins will be featured for you — telling people everywhere that Toni is an ideal Christmas gift!

Is your stock of kits sufficient to meet the pre-Christmas demand for Toni — the best-selling home perm in Great Britain and America?

**STOCK TONI —
FEATURE**



Toni HOME PERMANENT
—used by 25 million American women!

Which Twin has the Toni?	
1. DIANE— on the right.	2. ADA— on the left.
3. ELLA— on the right.	4. KATHLENE— on the right.

Quality Shaving at LESS COST!

Here's important shaving news! A new Wilkinson Razor, attractively packed and at a popular price! And a big reduction in Wilkinson Long Life Hollow Ground Blades, to be sold at 4/11 for a packet of 4. This means for YOU—bigger sales and more profits. Link up your sales drive with our National and Provincial advertising campaign. SO SEND IN YOUR ORDERS TO-DAY.



THE WILKINSON SWORD CO. LTD., SOUTHFIELD ROAD, ACTON



Type V
Price 12/
(Inc. Pur.

Stock up to meet
the demand for
Radian β —the aspirin
spirit liniment
NATIONAL ADVERTISING
appears this winter

Radian β
advertising will
appear in the
papers

News of the World
People,
Sunday Dispatch,
Bournemouth
Daily Echo
Exeter Express
and Echo
Torquay Times.

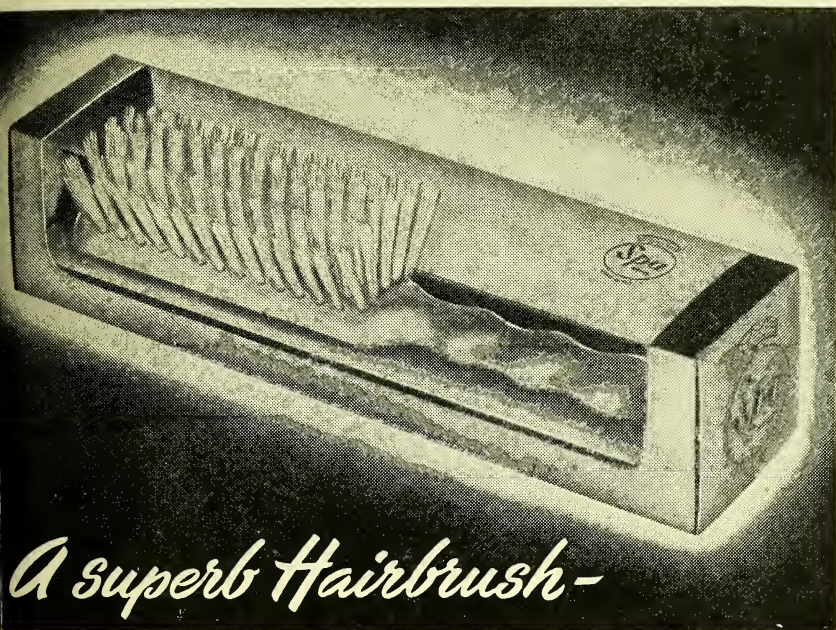
Professional sample and literature on request

THE **Radiol** CO

78, UPPER RICHMOND RD. LONDON S.W.15

Distributor for Midland Area:
JOHN KNOX (Stoke-on-Trent) Ltd.
for S. Western Area:
J. R. GIBBS Ltd. Manor Avenue, Paig

Other areas from Local Wholesalers or direct from London.



*A superb Hairbrush—
and selling fast at 6/11d!*

The SPA Hairbrush N.H.22—with 6 full rows of Nylon tufts—each tuft graduated for thorough penetration. Handles in five appealing colours—ivory, tortoiseshell and pastel pink, blue and green. Packed in full view container.

**A SELF SELLER NOT
A SHELF DWELLER**

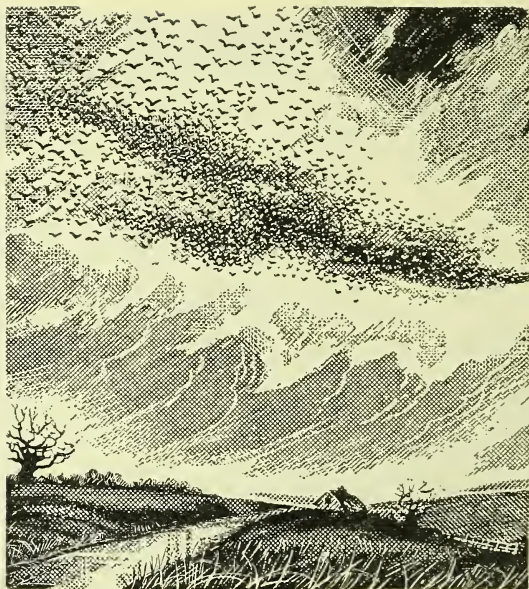
7" Combs to match available



MADE BY

SPA BRUSHES LTD.

FREEMAN WORKS · CHESHAM · BUCKS



FINDING SUMMER ELSEWHERE *when the 'Cold Season' approaches*

At this time of year when birds make an easy escape to warmer climates, your work-a-day customers cannot likewise take wing at a moment's notice to avoid winter colds. For many years now Serocalcin has been recognised as the most successful treatment for clearing this common complaint.

The new Serocalcin showcard prominently displayed on your counter will constantly remind customers of the need to purchase. Write to us to-day if you have not yet received this valuable Sales Aid.

- Pharmacists are reminded that the sole selling Agents for Serocalcin in the U.K. are J. C. Eno Ltd., Watford, Herts (Watford 7761), to whom all orders and enquiries should be sent.

SEROCALCIN

FOR THE PREVENTION AND TREATMENT OF COLDS

HARWOODS LABORATORIES LTD • WATFORD • HERTS



Chemist & Druggist SUPPLEMENT

HEAD OFFICE: 28 ESSEX STREET, STRAND, LONDON, W.C.2

Telephone: Central 6565 (10 lines)

Classified Advertisements must be prepaid.

Telegrams: "Chemicus, Estrand, London"

For rates see sectional headings

ORRIDGE & CO. (Established 1846)

for SALES, PURCHASES, VALUATIONS, STOCKTAKING and ASSESSMENTS

Rhodesia. Well established retail business with turnover of £25,000 per ann., increasing. Valuation of stock and fixtures. Tenure secure. Total purchase price to include heavy stock, fixtures, fittings, goodwill and book debts £11,500. Details receipt of banker's reference.

Medical Instrument Business in London for Very old established. Turnover last year £17,000. Substantial profits for managing director. Stock and plant worth £5,250 approx. Reasonable offer will be refused.

Weymouth, Near. Drug store. Scope for pharmacist. Turnover last year over £2,100. Attractive shop nicely fitted. 53 years' lease on property. Very comfortable living accommodation. Purchase price of goodwill £600. Stock fixtures at valuation. In all, apart from goodwill, £1,600 to £1,700.

4. Goodmayes, Near. Good class retail business with freehold property. Excellent living accommodation. Main road position. Net profit last year £1,210 for income tax purposes. Scope. Stock £850. Price of business £2,000. Stock and fixtures at valuation. Freehold £4,000 upon which no doubt a substantial mortgage could be raised.

5. South Wales. Drug store offering scope for pharmacist. Well established. Net profit as drug store about £5 per wk under lady management. Total inclusive purchase price £500.

6. South Africa. With the devaluation of the £ and the rise in the price of gold, business, according to our South African agents, is extremely flourishing in the Union and is likely to be so for some time. We have a selection of businesses on offer with prices ranging between £1,350 and £34,000. Particulars may be had upon application together with advice on emigration.

184 STRAND • LONDON • W.C.2

Telephone: TEMPLE BAR 9212/3—6340

Telegrams: Orridgchem Estrand, London

Branch Offices: 36 Cannon St., Birmingham, 2.
77 High St., Shirley, Southampton.

Phone: Midland 6547
Phone: Southampton 71708

BUSINESSES FOR DISPOSAL

36 words (min.) then 4d. per word. Box 2/-

ING CHEMIST'S PREMISES. Manor Park. Good position in parade, residential area. Long lease available, £200 p.a. Pre-1950. National Business Agency, Ltd., 89 E. Ilford, Ill. 1446. C1145

END DRUG STORE, South Lanes. Good prospect for increase. Living accommodation, gas and phone. Owner retiring. Box

ACY in busy part of N.W. London. Average £68 p.w. plus 1,500 N.H.S. 20 years unexpired lease at £250 ex p.m. of £135 p.a. Limited living accommodation available. Genuine reason for sale, ill. Reply to Box C 1154.

CONNAUGHT HOSPITAL, WALTHAMSTOW, E.17

ASSISTANT TO PHARMACIST required immediately (Hall certificate). Hospital experience preferred. Salary in accordance with J.N.C. scale. Applications, stating age, experience, etc., together with copies of two recent testimonials, to the Secretary, Forest (No. 11) Group Hospital Management Committee, Langthorne Rd., Leytonstone, E.11. C 9

NATIONAL HEALTH SERVICE ACT, 1946

SHREWSBURY HOSPITAL MANAGEMENT COMMITTEE (GROUP 15)
ROYAL SALOP INFIRMARY

Applications are invited for the post of DISPENSER (Hall Certificate) at the above hospital and for sessional duties at Cross Houses Hospital.

Salary will be in accordance with J.N.C. scales. Applications should be sent to the undersigned from whom any further particulars may be obtained.

J. P. MALLETT,
Secretary.

Royal Salop Infirmary,
Shrewsbury.
3.11.49.

C 5047

APPOINTMENTS

half-inch (min.) and pro rata. Box 2/-

ROYAL LONDON HOMŒOPATHIC HOSPITAL.

GREAT ORMOND STREET, W.C.1.

DISPENSER

(unqualified) required with good experience. Salary in accordance with Joint Rating Committee scale. Appl. stating full particulars to Pharmacist, C 10

The Bridge
Walsall, nr. Birmingham
 Phone: Walsall 5948
28 Rigby Buildings, 4 Aytoun St.
Manchester 1
 Phone: Central 0877
141 Bath St., Glasgow
 Phone: Douglas 3168

ERNEST J. GEORGE & CO.

Chemists' Transfer Agents, Stocktakers
 and Valuers

329 HIGH HOLBORN
LONDON, W.C.1

Phone: Hol. 7406/7 and 2397

South Coast Represent

G. Loxton Grinstead,
"Edweina," Oaklands
Saltden, nr. Brighton

Phone: Rottingdean

BUSINESSES FOR DISPOSAL

A.1. Kent (Seaside Resort). Drug store which should offer appreciable scope under qualified proprietorship; lock-up shop, etc., situated near to sea front; price asked £740 for stock and fixtures—no consideration required for goodwill.

A.2. Suburban Essex. Branch pharmacy occupying main road position in good-class residential area; turnover for 1947/48 £7,159; net profit (under management) £900; the turnover for 1948/49 is expected to exceed that of the previous year; no near opposition; total purchase price £3,500 including stock estimated at £900 (to be taken at valuation).

A.3. Sussex Coast. Family and dispensing business in good-class seaside resort. Turnover (under management) for last financial year £3,323. Lock-up shop. Price £1,350 for goodwill, fixtures, fittings, etc., plus stock at valuation (stock estimated at £800).

A.4. Greenwich (near). Old-established business in good trading position; heavily populated middle/poor-class area to draw upon. Turnover

for 1948/49 estimated at £7,100. Good Price £4,000, including stock estimated at and fixtures, etc., £750.

A.5. East Sussex. Well-fitted pharmac good living accommodation; N.H.S. apper month; freehold property for sale £5, profit for last trading year £1,250; scope production of optics; price of business £3, cluding fixtures £1,000) plus s.a.v.

A.6. Bayswater (near). Family and di business with substantial sub-Post Office trading position; low rent; limited living modulation available if required. October scripts numbered approx. 1,250; turnover exclusive of N.H.S. dispensing, about £ month. Lease 10 years unexpired; good lease £1,700 plus stock and fixtures at val

A.7. North London. Drug store and mix ness; turnover for last financial year low rental; excellent scope and oppo under qualified proprietorship; total price

OFFICIAL VALUERS TO THE N.P.U. BUSINESS PURCHASE FUI

Appointments—Continued

WEST MIDDLESEX HOSPITAL, ISLEWORTH, MIDDLESEX (SOUTH-WEST MIDDLESEX HOSPITAL MANAGEMENT COMMITTEE)

Applications are invited for the post of ASSISTANT PHARMACIST. Salary £425 (at age 23) x £25 to £525 per annum. Commencing salary will depend on previous experience. Subject to the National Health Service Superannuation Scheme. Applications, stating age, qualifications and experience, with copies of testimonials, to be sent to the Chief Pharmacist at the above Hospital.

C 14

LONDON HOSPITAL WHITECHAPEL, E.1

LONDON HOSPITAL, Whitechapel, E.1, has a vacancy for ASSISTANT PHARMACIST. Salary £425 x £25 to £525, but experience will be taken into consideration in determining commencing salary. Hours normally 9-5 (on half-day 9-1 p.m.). Occasional Sunday duty subject to additional remuneration. Dining-room facilities. Apply Secretary.

C 5014

MOUNT VERNON HOSPITAL AND THE RADIUM INSTITUTE, NORTHWOOD, MIDDLESEX

Applications are invited for the post of Dispensary Technician. Knowledge of compounding desirable. Salary at the rate of £320 per annum. Might suit ex R.A.M.C. personnel. Applications to the Secretary and House Governor.

C 5046

STAINES GROUP HOSPITAL MANAGEMENT COMMITTEE

Applications are invited for the ment of Pharmacist. Salary in accordance with Whitley Scales, i.e., £425 p.a. (minimum age 23) x £25 to £525 p.a.

Apply, stating qualifications, experience, with copies of up to three testimonials or names for reference to Assistant (C.D.) Hounslow Hospital (81 beds) Road, Hounslow, Middlesex, as soon as possible.

NORTHERN IRELAND HOSPITAL AUTHORITY

SOUTH BELFAST HOSPITAL MANAGEMENT COMMITTEE

BELFAST CITY HOSPITAL CHIEF PHARMACIST WANTED

Person appointed must have at least 5 years' Hospital experience after qualification as Pharmacist.

Salary in accordance with the Joint Negotiating Committee (Hospitals) The person appointed will be an Officer of the Northern Ireland Hospitals Authority. Salary will be subject to deductions for superannuation under the Health Service (Northern Ireland) 1948.

Applications, stating age, details of qualifications and experience, together with two testimonials, should be sent to the Secretary, Belfast City Hospital, Lisburn Road, Belfast, to arrive not later than 15th December, 1949.

EDGWARE GENERAL HOSPITAL, EDGWARE, MIDDLESEX

MACIST, non-resident, required. Salary per annum x £25 to £525 per annum. Minimum of £425 to be linked to age 23. A reduction of £25 per annum to be for each year below that age. Most affords good experience in a busy hospital. Applications, giving full particulars and enclosures of two recent testimonials, to the Secretary. C 5058

PORTSMOUTH GROUP HOSPITAL MANAGEMENT COMMITTEE

ROYAL PORTSMOUTH HOSPITAL,
PHARMACEUTICAL DEPARTMENT
ASSISTANT IN DISPENSING OR
PHARMACEUTICAL TECHNICIAN
Applications are invited for the above appoint-

ments should hold the Apothecaries' Hall certificate, an equivalent certificate, or be suitably experienced in a similar position in a hospital.

£270 p.a. by increments of £10 to £350 p.a. followed by increments of £10 every year to a maximum of £350 p.a. The minimum salary within the scale to be determined by previous experience.

Position is subject to the provisions of the National Health Service (Superannuation) Regulations.

Applications, stating age, qualifications, experience and present employment, together with references of three persons to whom reference may be made, should be addressed to the Secretary, Pharmacist at the above hospital by November, 1949.

G. A. HUGHES,
Secretary to the Committee.

C 5066

Advertisements are restricted to persons or firms excepted from the provisions of the Regulations of Engagements Order. 1947

SITUATIONS OPEN

16 words (min.) then 3d. per word. Box 2/-

RETAIL (HOME)

VACANCY EXISTS at Allen & Hanburys Ltd., 7, for a pharmacist who is prepared to undertake full-time duty. Living accommodation for pharmacist and canteen available. Would suit pharmacist contemplating medical studies. Apply Man-Verre St., London. W.1. C 5075
WANTED, UNQUALIFIED, for retail photographic work of chemists' business. London. Known showcard writing an advantage but not necessary. Apply Box C 5054.

THE CHEMISTS have vacancies in a number of posts for qualified assistants, male and female. (male) Central London £10 5s. to £11 5s. Metropolitan District £9 17s. 6d. to £10 17s. 6d. (female) £9 10s. to £10 10s. (Female Central London £9 15s. to £10 15s. Metropolitan District £9 10s. to £10 10s. Provinces £9 to £10, according to age. Engagements are on a permanent basis with good prospects and eligibility for pension, assurance, etc. There are also a number of vacancies for unqualified assistants with sound pharmaceutical experience. Good remuneration and view to permanency. Pension scheme, etc. Applications should be made to Retail Staff Department, Notttingham, stating age, experience. District preferred. C 1

BLACKPOOL 3½ miles. Assistant required (gentleman preferred) for old-established dispensing business situated in healthy residential district. Manager and others kept. No Sunday or rota duty. Apply James Foster, M.P.S., Breck Rd., Poulton-le-Fylde, Lancashire. Tel. 125. C 1156

CHOICE OF SUITABLE accommodation, if required, on appointment. Qualified persons, male and female, are required to manage attractive pharmacies in south-east and south-west districts of London. Positions are available offering salary from £550 to £650 per annum, plus generous commission. Engagements are permanent and progressive and include entry into superannuation scheme. Apply, giving full particulars to the Staff Manager, Royal Arsenal Co-operative Chemists, 113 Powis St., Woolwich, S.E.18. C 5000

EDGWARE RD., N.W.2. Unqualified assistant with dispensing experience. Congenial post. Permanency. Half-day Thursday. No duties. Good salary. Apply 4 Gladstone Pde., Cricklewood, N.W.2 or Phone Gl 5314. C 1128

FULLY-QUALIFIED ASSISTANT required for central chemist department. Permanency for suitable applicant. Superannuation scheme in operation with transfer clause. Applications, stating age, experience, and wage required, to the Secretary, Heckmondwike & District Co-operative Society, Ltd., 3 Oak St., Heckmondwike. C 1138

LADY PHARMACIST required immediately. Good salary. Full particulars to Box C 1026.

LEEDS INDUSTRIAL Co-operative Society, Ltd., has vacancy for an experienced qualified chemist to manage branch pharmacy in residential area. Minimum salary £600 p.a. plus commission and rota fees. Living accommodation not provided. Apply, stating fullest particulars of age, experience and qualifications to Superintendent Chemist, 6 Albion St., Leeds, 1. C 1115

LINCOLNSHIRE. Pharmacist manager for market town pharmacy. Good salary plus commission. Pension scheme. No Sunday duty. Nice flat available. Congenial post. Applications, giving details age, etc., to Box C 5077.

LONDON CO-OPERATIVE Chemists Ltd., invite applications from experienced pharmacists for branch managerial vacancies in pleasant suburban areas. Modern, well-equipped shops with good supporting staffs, attractive salary, generous commission, with payment for all rota duties. Positions permanent and superannuated, with excellent promotion prospects. Choice of living accommodation, house or flat, where required. Full particulars as to experience, wages required, etc., to Superintendent Chemist, Grange Rd., Leyton, E.10. C 1123

LONDON, W.C.1. Experienced, unqualified assistant (male or female) required for high-class City West End type of business. Dispensing experience essential and must be good window dresser. Half-day Saturday. No rota or Sunday duties. Good prospects for right applicant. Apply to Mr. J. Milner, Messrs. A. R. Cross, Ltd., 240-241 High Holborn, London, W.C.1. Telephone Holborn 7379. C 1047

MANAGER AND LADY ASSISTANT or man and wife, Manchester district. Good flat available. Also dispenser/book-keeper. Full particulars of salary and experience to Aves (Chemists), Ltd., 33 Bury New Rd., Prestwich, Lancs. C 1134

MANAGER REQUIRED. Easily worked branch in pleasant district between Leeds and Huddersfield. Excellent and spacious living accommodation. Rent and rates free. Salary £475 per year. Half-day Saturday. Apply to W. A. Wharram, Ltd., 27 Eastgate, Leeds, 2. C 1125

Situations Open—Continued

MANCHESTER, Southern Suburb. Pharmacist, lady or gentleman, required urgently for steady dispensing business. Good salary and permanency. No Sunday or rota duties. Fullest particulars to Box C 1148.

PALMERS GREEN. Unqualified assistant required for a good-class pharmacy. Dispensing and counter experience essential. Apply, stating salary and experience, to John Harley, Ltd., 153 Regency St., London, S.W.1 C 1099

PHARMACIST REQUIRED to manage branch in the West End of London. Hours 9-6. Light dispensing. Minimum salary and commission £12 10s. weekly. Position permanent, prospects excellent for person possessing salesmanship. No living accommodation. Write, giving brief particulars in first instance, to Box C 1101.

PHARMACIST (lady or gentleman) required immediately to manage branch shop; fully staffed. Half-day. No Sunday duty. Good salary. T. H. Prichard & Son, Ltd., Medical Hall, Abertillery. C 1116

PRICING CLERK. An experienced drug and ethical pricing clerk is required by London Co-operative Chemists Ltd. Five-day week, canteen, pension fund. Applications, stating salary required and other relevant particulars, to Superintendent Chemist, Grange Rd., Leyton, E.10. C 1080

QUALIFIED ASSISTANT, capable and keen, in good family-type business. Unfurnished accommodation over premises available to married man. Please give full particulars, including height, and photo, if possible (which will be returned). Hill & Shaw, 357 High St., Cheltenham. C 1057

QUALIFIED ASSISTANT, splendid opportunity for young man just qualified to acquire knowledge of management. Permanency. London, West. Apply "A," Box C 5071.

QUALIFIED ASSISTANT, male, young, or experienced unqualified. Congenial situation. Good salary paid. Usual particulars, please. Apply F. G. Bull, 95 Castle St., Luton, Beds. C 1977

QUALIFIED BRANCH MANAGER required to open new pharmacy in busy S.W.16 district. Main road position, close to station. Good quality business anticipated; adequate supporting staff; wages and commission. House should shortly be available for successful applicant. Apply to Superintending Chemist, S.S.C.S., Ltd., 298 Streatham High Rd., S.W.16. C 1117

QUALIFIED MANAGER required for branch pharmacy. Salary, £10 per week, and commission on National Health dispensing (minimum £1). Superannuation scheme. Apply, stating age and experience, to Kidderminster Co-operative Chemists, Ltd., Worcester St., Kidderminster. C 7

SOUTHPORT. Experienced dispenser, male or female, required. Please apply with usual particulars to J. R. Cave, Ltd., 52 Nevill St., Southport. C 1144

SOUTHPORT. The services of a young qualified assistant are required for dispensing department. Other dispensing staff kept. The position offers an opportunity for gaining valuable dispensing experience. T.S.A. Licence. Please apply, with full particulars, to J. R. Cave, Ltd., 52 Nevill St., Southport. C 1143

SUPERINTENDENT CHEMIST and optician. A sales £12,500. N.U.C.O. scale of wages. Superannuation scheme with transfer clause in operation. Applications, giving full details of experience and present position to be addressed Sea Manager, Co-operative Socy., Ltd., Knowsley, Bury, Lancs, endorsed "Chemist."

THE PLYMOUTH Co-operative Society, Ltd. require a pharmacist. Prospects of branch permanent. Pension scheme clause. Application writing, to Superintendent Pharmacist, 7 Gve., Mutley, Plymouth.

THREE DISPENSERS (Apothecaries' Hall premises required for West, North and S.W. London. salary. Write, giving full particulars to Box C 1101.

TWO PHARMICISTS required immediately. giving full particulars and salary required C 1025.

UNQUALIFIED ASSISTANT (male), experienced dispensing. North and South-West London manancy. Apply Box C 5072.

UNQUALIFIED ASSISTANT, experienced, for London. Permanency. Salary and bonus. Box C 5040.

WE HAVE SEVERAL interesting and vacancies for unqualified staff in the London of Ilford, Greenford, Hounslow and Epping. Application in first instance to Superintendent Chemist, London Co-operative Chemists, Ltd., Gran Leyton, E.10.

YOUNG LADY counter assistant, experienced North-West London Apply Box C 5041.

RETAIL (OVERSEAS)

PHARMACIST urgently required by large international organisation for service in the Middle East. hospitals and staff of British M.O.s. and Considerable dispensing for hospital and out-clinics. Applicants must hold M.P.S. under 35 years of age. Attractive salary plus generous allowance in local currency, free passage and home, free medical attention, kit and good leave arrangements, pension scheme, giving personal particulars and full details of qualifications and experience, quoting Dept. Box 2364, at 191 Gresham House, E.C.2.

WHOLESALE

MANUFACTURING AND WHOLESALE CHEMISTS, LANCASHIRE

A vacancy occurs in a large old-established well-known concern for a qualified Chemist Manager on the distributing side of the business. Knowledge of accountancy methods, modern office routine desirable. Age 40. Generous salary according to experience and qualifications. Exceptional prospect right man. Applications, with full particulars to Box C 5051.

A FIRM OF MANUFACTURING chemists and technical manager with a chemical or physical qualification to fill the position of of the manufacturing department. Five-day Superannuation scheme. Further details view. Write, giving fullest details of age required and experience, to Box C 5093.

A'LEN & HANBURYS, LTD., Ware, Herts young pharmacist as assistant in a pharmaceutical production department. Knowledge and experience of sterile technique an advantage. Five-day Apply in writing, giving details of age, experience, etc., to Personnel Manager.

Situations Open—Continued

D-ESTABLISHED London firm dealing in equipment, medical and chemists' sun- with a large existing connection, requires a representative to cover the hospital and e chemist trades in London. Basis salary enses. Apply by letter, giving details of experience, and salary required, to Box C 5024. Foster Turner & Everetts, Ltd., 11 Old E.C.2.

REPRESENTATIVES required by manufactur- nists to carry additional line on generous on basis. Good introduction to hair- and chemists essential. Write, giving pres- s carried and references, to Box C 1126.

NT required to sales manager of small turers/exporters. Professional background erience in advertising ethical pharmaceutical, or veterinary products, essential. e salary offered to right person. Box C11

N, CLARK & CO., LTD., glass bottle manu- Rotherham, Yorkshire, have a vacancy veller for Scotland, to sell bottles to retail e and manufacturing chemists. Preference given to candidates with some pharmaceu- erience and under 35 years of age. Apply g only giving full details. C 1119

HIGHS WELLCOME & CO. have a vacancy xperienced pharmacist as assistant market- ative. The work is mainly concerned with on matters but does provide an insight uction and certain aspects of research. ns, which will be treated in confidence, ve fullest details of education and previous e and be addressed to the Manager, Pub- ison, Burroughs Wellcome & Co., 183/ on Rd., London, N.W.1. C 5056

AND TABLET MAKER required by new and manufacturing chemists situated in n of England. Good prospects. Box C 1135.

RKS, Durham and Northumberland. Ex- representative resident on territory and nd connections amongst wholesale and re- mists required by well-known northern uring house. Substantial, firmly estab- nnection already exists. The post offers pe, sound salary and excellent prospects ight man. Duties commence January 1, est details, in confidence, to Box C 1142.

AND HOME SALES of industrial raw Responsible position for person with experience. Energetic person with initia- personality. Please write Dohm, Ltd., 167 St., S.W.1. C 5084

ETHICAL proprietary firm developing t market have vacancy for export travel- esentative with knowledge trade, French l market. Successful applicant would spend six months annually abroad. Apply lence, stating salary required, to Box

JS COMMISSION offered to salesmen with nections amongst chemists, for the intro- f an entirely new medicinal product with and N.H.S. prospects, already selling well areas. Territories vacant, Scotland, Lan- North Wales, Midlands, Eastern Counties, West Country, N. Ireland. State area and other lines carried. Box C 1127.

EXPERIENCED REPRESENTATIVE required by 1st January for W. Midland territory, S. Staffs, War- wick, Worcester, Hereford and N.E. Gloucester, to sell to chemists and stores established and nationally known lines, some prescribed, rest ad- vertised. Only top grade men with at least 10 years' record who are seeking broader scope and progressive earnings are asked to apply. Can- didates must have consolidated connection and have previously represented products of repute. Age around 40 preferred. Permanent post with attrac- tive future to right man. Salary, commission and expenses. Own car an immediate advantage. Ap- plications, stating lines handled and past experience, to Box C 5086.

LANCASHIRE. Assistant required in the manu- facturing laboratory of small wholesale and manu- facturing chemists. Applications, with details of age, training and experience, to J. J. Thomas & Son, 1 Hanging Rd., Rochdale. This advertisement appears by permission of the Ministry of Labour and National Service under the Control of Engage- ment Order, 1947. S 5001

LONDON, N.W.1. Wholesale chemists require the service of a competent junior for buying depart- ment. Applicant must be conversant with, and have up-to-date knowledge of, chemists' lines. Apply Box C 1155.

MANCHESTER. A large manufacturing pharma- ceutical house has vacancies for one or two young qualified chemists on the production side of the business. Apply, giving age, experience and salary expected, to Box C 5052.

MANUFACTURING CHEMISTS in the North-West require the services of a works chemist; one fully experienced in the manufacture of galenicals, table- ts, toilet preparations, etc. State qualifications, together with details of experience, age and salary required. Box C 1153.

MANUFACTURING CHEMISTS in London have a vacancy for a young pharmacist as assistant to chief chemist. Applications, with full particulars, to Box C 5078.

MAY & BAKER, LTD., Dagenham, Essex, have vacancies in their pharmaceutical preparations and packaging division for newly qualified pharmacists. The engagement is on the manufacture and pack- aging of ethical products, with opportunity for experiment in production and control methods Salary according to age, qualifications and experi- ence with prospects of advancement. There is a staff pension fund (contributory). Applicants should write, giving full details (confidential) and quoting reference No. 3661 to the Personnel Officer. C 5069

MIDLAND MANUFACTURERS require efficient man to take charge of packed goods dept. Box C 1140.

NORTHUMBERLAND, DURHAM. Cumberland, Westmorland, N. Lancs and N. Yorks. Salesman with established connection among chemists and allied outlets and more than average sales ability required to handle well-established proprietaries. (Some C.F. and prescribed, rest nationally adver- tised.) Must have at least 10 years' experience, be resident in area and possess first-class sales record. Own car an asset. Age about 40. Per- manent and progressive post available 1st January. Good salary with commission and expenses. Area capable of considerable expansion. Write fully to Box C 5090.

Situations Open—Continued

PHARMACIST (male) required for training in medical information department. The duties are of a non-commercial nature and require a knowledge of therapeutics and medical subjects generally. Hospital experience an advantage but not essential. Apply initially, in writing, giving brief resumé of career, to Box "Medical," C 5070.

PHOTOGRAPHIC GOODS WHOLESALERS require representative. Trade knowledge essential. Write Neville Brown, Newman Yard, W.I. C 1139

PROCESS WORKER required by manufacturing chemists. Some experience preferred. Five-day week. Southall Bros. & Barclay, Charnford Chemical Works, Alum Rock, Birmingham. C 5083

PRODUCTION CHEMIST required for West London manufacturing house. Previous experience in medium scale galenical work and assaying desirable. Please give full details and salary required. Box C 18.

REPRESENTATIVES required in Scotland, North Wales, Lancashire, Notts, Bedfordshire. Must have established chemists connection. Please give full particulars, area covered and the terms required. C.S.C., 94 Aldersgate St., London, E.C.1. C 1149

REPRESENTATIVES with established connections in wholesale and retail chemist, grocers, hardware merchants and allied trades, who are free to carry an additional line, are invited to apply with full particulars, Box C 1112.

REPRESENTATIVES required by well-known firm of manufacturing chemists on generous commission terms. Good connections and high earning capacity essential. Territories vacant: Scotland, North of England, Midlands, South Wales and West of England. Please give details. Box C 5083.

SALESMAN with genuine and established connection among chemists and allied outlets in Belfast and the six counties required by nationally known house. Only men of proven sales ability and integrity are asked to apply. Must possess first-class selling record and be used to handling advertised products. Age about 40. Successful candidate will be offered attractive salary and commission to sell limited number of accepted and nationally advertised products. Car owner preferred. Progressive post (permanency) to right man. Applications in full detail to Box C 5092.

SALES REPRESENTATIVE for all veterinary products to qualified profession in Devon and South-West Counties. Good salary with expenses and commission. Excellent prospects for man with initiative. Car provided. Apply Willington Medicals, Ltd., 87 Whitechurch Rd., Shrewsbury. C 5048

TABLET MAKER. Experienced in single and multiple machine processes, granulation of pharmaceuticals, required by London manufacturing chemists. Write, stating age, experience, and salary required to Box C 5079.

THE WELLCOME FOUNDATION, LTD., has a vacancy in its chemical development department at Dartford for a chemist to work on problems mainly connected with the preparation of synthetic drugs. Applicants should have an honours degree or its equivalent with some previous industrial experience. Applications, giving full details, including salary expected to be sent to the Works Secretary, Wellcome Chemical Works, Dartford. C 5076

UNQUALIFIED MAN required for wholesale manufacturing chemists in Shrewsbury. Aged 25 to 35. Permanent position for suitable man. Apply Box C 5049.

WEST OF ENGLAND:- Two territories will shortly become vacant for first class representatives selling wider scope (1) S. Hampshire to Lands E and (2) S. Wales inc. Bristol and W. Glos. Only thoroughly experienced men are invited to apply. Must have good sales record and have representation in houses of repute. First class proprietaries must be consolidated and widely accepted showing rising turnover trends; many C.F. selling by prescription and/or nationally advertised. Preference given men with own car. Permanent appointment. Progressive post. Apply (full particulars) C 5088.

YOUNG, ENERGETIC COATER required by London manufacturing chemists, knowledge of coloured work essential. Apply, giving age, experience, and salary required, in first instance. Box C 5080.

WHOLESALE (OVERSEAS)

A FIRM OF INTERNATIONAL REPUTE manufacturing proprietary product has a vacancy in Australia for a technical factory manager, preferably with chemical or pharmaceutical qualification. Please give details as regards salary, leave, etc. at first instance. Write in first instance, giving fullest details of salary required and experience, to Box C 5089.

SITUATIONS WANTED

3/- for 18 words (min.) then 2d. per word.

RETAIL (HOME)

REQUIRED BY LADY, remunerative work, pensioning, evenings only. Miss K. Gibbons, 12 Vale Rd., London, S.W.12.

UNQUALIFIED ASSISTANT over 20 years' retail experience, seeks post, North-East suburbs. Write Box C 1151.

YOUNG MAN, 19 years, English father, situation with English chemist to complete tertiary experience and learn English. Box C 1152. Lodging accepted in lieu of salary. Rue d'Orleans, Pau. B.P., France.

LOCUMS SEEKING ENGAGEMENT

LOCUM, 40, unqualified, offers services in emergency, sickness, holiday, short or long experienced private and company. South-East. Fees and rail fares. Box C 1044.

QUALIFIED PHARMACIST, well recommended, highly efficient dispenser, open for engagement in Thanet area or S.E. London, from Nov. 1st. Reasonable. Alec McLeod, 25 Cliftonville Avenue, Margate. (Tel. 2805).

WHOLESALE

ADVERTISER with 20 years' unique experience in manufacture and sales of ethicals has existing products and trade marks. Wants to expand with existing house anxious to develop ethically. Principals only. Box C 1120.

COMMERCIAL SALES MANAGER (47) with complete knowledge of modern advertising and proved ability to extend sales, control and handle publicity for a wide range of products distributed through wholesalers, users, retailers and exporters, desires change of firm of good integrity. Tactful person with initiative and drive. Residing Midlands. Box C 1078.

Situations Wanted—Continued

EXPERIENCED REPRESENTATIVE with sound connection with chemists, Co-ops, and wholesalers, visiting Birmingham and adjacent counties, de-change to nationally known reputable manufacturers of first-class products who appreciate sales service. Box C 1146.

PLEMAN, age 40, 23 years' sound all-round experience of the pharmacy trade, wholesale, retail manufacturing, and to control of both factory sales seeks good executive position with re-firm. Box C 1130.

PLEMAN, middle age, 25 years on the road, to represent firm of repute. Surgical in-ents, drugs, hospital technique. Yorks, Mid-East and West Coast. Agencies considered. C 1114.

INDUSTRIAL CHEMIST, qualified, 21 years' experi-arious industries, research, process develop-and technical control, offers services. Sound edge sugar, oil and petroleum, food; other ries considered. Salary according interest, ets. Write Box C 1087.

WELL-KNOWN REPRESENTATIVE with strong con-ns with chemists in Herts, Bucks, Beds, Essex, Cambs, Suffolk, offers services in return for and expenses. Excellent references. Car . Box C 1088.

SHIRE, and adjoining counties. Experienced representative desires change. Long estab-connection, proprietaries, toilets, bulk tablets, s., etc. Large turnover. State terms in-ence. Box C 1054.

AGENCIES

for 36 words (min.) then 4d. per word. Box 2/-

FACTURER of chemical products about to a new and attractive line in constant de-wishes to place the exclusive agency hout (1) Scotland; (2) N. Ireland. Box .

CAL BOOK PUBLISHERS require traveller ing their representation to doctors and hos-with other appropriate part-time agency-ommission and expenses allowance to right Application, specifying area, present agency onal details, to Box C 1133.

ELLERS AND AGENTS having connections with ts, required to carry stock labels. Good com- . Write, giving full particulars, including worked. Box C 1152.

AGENCIES WANTED

for 36 words (min.) then 3d. per word. Box 2/-

Y REQUIRED for Switzerland. Will manu-ars of pharmaceutical products, chemicals and preparations interested in the Swiss markets, o E. Loertscher, Droguiste, Diplôme, 2 Rue aliez, Geneva, Switzerland. C 1150

NALLY- and Territorially-known sales and tion manager (pharmacist), having formed istribution organisation for the products of his ed-companies, can consider one or two ally-known lines for distribution. Both direct and medical propaganda undertaken. Write , c/o Misani, 49 Chancery Lane, W.C.2. C 5082

REPRESENTATIVE with experience in high-class per-fumery and drugs and a 20 years' connection in West and South-West London, Middlesex, Surrey, Berks, Bucks, Herts, Hants and Oxon, is open to represent reputable house on a commission basis. Car owner. Box C 1129.

BUSINESS OPPORTUNITIES

17/6 for 36 words (min.) then 4d. per word. Box 2/-

COMPANY, Established 1936 with trade marks, new ideas and medical proprietaries, selling home and export markets, seeks arrangement with established firm with view to further development of existing products and introduction of new specialities. Box C 1121.

COMPANY OWNING well-known proprietary toilet product well distributed with multiples, chemists and stores invite contact with individual or group able to provide finance for advertising and general development. Opportunity substantial home and export sales. Box C 1111.

MANUFACTURING CHEMISTS have facilities and plant available for the manufacture and/or packing of domestic, industrial or toilet products. Bottle, powder and tube filline. Frank Macowal, Ltd., 30 Loughborough St., S.E.11. Reliance 3435. C 3

WANTED

17/6 for 36 words (min.) then 4d. per word. Box 2/-

REQUIRED: Bicarbonate Soda, B.P., and Com-mercial Grade, stating ex store terms, details of packing. Solid and Flake Sodium Sulphide, Beta Naphthol Flake. Box C 1136.

WANTED. Clear out your old or damaged stock of photographic material. All papers, cards, films, plates, sundries, cameras—anything photographic. Send them along. Fair price given. Cash per return. Established 1898. J. Hackett, Photo Stores, 23 July Rd., Liverpool, 6. C 1034

WANTED, display carboys. State number, size and price in writing, to Box 29, c/o Misani, 49 Chan-cery Lane, W.C.2. C 5073

MISCELLANEOUS SALES

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BEAUTIFUL JARS by Wood Bros. Offers wanted for 250 gross each 2 oz. and 4 oz. taper jars. Also large stock of cosmetic, bath salts, ointment, medi-cine, and sauce bottles and jars for disposal. First reasonable offer accepted. Box C 1122.

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Kindly write sending types, quantity of each power required

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Miscellaneous Sales—Continued

BOTTLE FILLING MACHINES. 2-gal., 5-gal., or 10-gal. gravity fed. Container constructed of Monel metal. No gadgets; nothing to go wrong or break. Will last a lifetime. Price £8 15s., £10, £12 10s. Write for illustrated leaflet. Trade enquiries welcomed. Jackson Metal Furniture, Ltd., Shafton Lane, Leeds, 11. Phone 31088 Leeds. C 1103

BOTTLE-WASHING MACHINE for sale. Dawson Hydro. Steam heated, complete with pre-soaker, 50 trays, pump filters and spares, to take any size bottles up to 11 in. high. Cost £467, only used two months. Offer invited. Rapidol, Ltd., 22 St. Margaret's Rd., London, W.7. Ealing 2836. C 8

ONE PS/5 TYPE METAFILTRATION UNIT in stainless steel. Practically unused. Gale, Balss & Co., Ltd., 274-6 Ilderton Rd., S.E.15. C 5081

SACCHARIN TABLETS. Standard 0.2 gr., 550 in envelopes of 100 tablets in 1 gross boxes. 1 to 5 gross, 56/-; 6 to 10 gross, 55/-. Special price for larger lots. C.O.D. or C.W.O. H. N. Wells, 184 Roding Lane South, Ilford, Essex. C 1063

SELLOTAPE. 72-yard rolls. Transparent; $\frac{1}{2}$ in. 4/3; $\frac{3}{4}$ in. 6/-; 1 in. 8/-; 1 $\frac{1}{2}$ in. 12/-. 10% off for 6 rolls. Colours—add 10%. 48 hour C.O.D. service. Special Xmas design sealing tape, 72 yard rolls, $\frac{3}{4}$ in. 8/-; 1 in. 10/- (no discount). K. T. Sellotape Service, 275/277 Balham High Rd., S.W.17. Balham 2060. C 1118

SURPLUS BOTTLES. 100 gross 4-oz. bottles with bakelite caps, 21/- gross; 100 gross medical flats, white enamel caps, 31/- gross; 100 gross No. 4 tablets with screw caps, 13/- gross; 50 gross 1-oz. squat cylindrical jars with enamel caps, 17/6 gross; 150 gross 4-oz. bottles with bakelite caps, 20/- gross; 1-oz. bakelite pots with black enamel pre 10/6 gross. Free cartons and delivery London Home Counties. Nettlefold Works, S.E.27.

STANDARD SACCHARIN TABLETS. 0.2 gr. in envelopes of 100 tablets, boxed in 1 to 5 gross at 58/- p. gross. Quotations quantities by return. Tell Products, Ltd. Rosemont Rd., N.W.3.

PARTNERSHIPS

17/6 for 36 words (min.) then 4d. per word

OPPORTUNITY KNOCKS for pharmacist man with a view to partnership and succession for the right man in an old-good-class dispensing business in a N. suburb. Full particulars to Box C 1147.

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NOVEMBER 19, 1949



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